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MILITARY SERVICE: WAVE 2 USER'S MANUAL  
AND CODEBOOK

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The Office of the Assistant Secretary of  
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## A RAND NOTE

1979 DOD SURVEY OF PERSONNEL ENTERING  
MILITARY SERVICE: WAVE 2 USER'S MANUAL  
AND CODEBOOK

Zahava D. Doering, David W. Grissmer  
and Jane S. Morse

December 1980

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Defense/Manpower, Reserve Affairs and  
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PREFACE

This note documents a study conducted under Task Orders 79-V-1 and 80-V-1 as part of the Rand Manpower, Mobilization, and Readiness Program, sponsored by the Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs and Logistics)-- OASD(MRA&L).

With manpower issues assuming an ever greater importance in defense planning and budgeting, the Rand study program seeks to develop broad strategies and specific solutions for dealing with present and future defense manpower problems. The achievement of these goals requires the development of new methodologies for examining broad classes of manpower problems, as well as specific problem-oriented research. In addition to analyzing current and future manpower issues, this study program seeks to contribute to a better general understanding of the manpower problems confronting the Department of Defense.

The 1979 DoD Survey of Personnel Entering Military Service is one of several interrelated collection efforts of the Rand-DoD Survey Group, a component of the Rand Manpower, Mobilization, and Readiness Program. The survey group has designed and administered two other military life cycle surveys: the 1978 DoD Survey of Officers and Enlisted Personnel, which focused on the in-Service population, i.e. the men and women on active duty in the four Services,\* and the 1979 Reserve Force Surveys, which dealt with enlisted personnel and officers in the Army Reserve and Army National Guard.\*\* Future surveys may include other military populations, e.g., reservists in the Navy or Air Force, and other junctures in the military life cycle, e.g., separation decision.

The 1979 DoD Survey of Personnel Entering Military Service was administered to enlistees at the Armed Forces Entrance Examination Stations (AFEES) immediately after the enlistees were sworn in. Because of the large number of questions asked, and to account for certain

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\*See: Zahava D. Doering, David W. Grissmer, Jennifer A. Hawes, William P. Hutzler, 1978 DoD Survey of Officers and Enlisted Personnel: Survey Design and Administrative Procedures, The Rand Corporation, N-1458-MRAL, April 1980, and W. P. Hutzler and Z. D. Doering, 1978 DoD Survey of Officers and Enlisted Personnel: Sample Design and Selection, N-1453-MRAL, February 1980.

\*\*See: Zahava D. Doering, Rand-Department of Defense Survey Research Program, Fiscal Years 1978-1979, N-1165-MRAL, December 1979.

possible differences among enlistees, the survey was administered in two phases, Wave 1 and Wave 2. This note provides the documentation for data collected in the 1979 DoD Survey of Personnel Entering Military Service: Wave 2.\* The basic reference document for users of the data, the note contains substantive and technical information about the survey and the data files required for planning tabulations and other analyses.

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\*Wave 1 was described in Zahava D. Doering, David W. Grissmer, Jane. S. Morse, 1979 DoD Survey of Personnel Entering Military Service Wave 1 User's Manual and Codebook, N-1605-MRAL, November 1980.

SUMMARY

This note provides documentation for data collected in the 1979 DoD Survey of Personnel Entering Military Service: Wave 2, one of several interrelated data collection efforts of the Rand-DoD Survey Group, a component of Rand's Manpower, Mobilization and Readiness Program. The survey group's objectives include the systematic examination of, and provision of policy-sensitive information about, the military life cycle. The military life cycle includes both reserve and active force enlistment decisions, experiences, career orientations, responses to policies that affect military members and their households, and decisions to leave the military.

The 1979 DoD Survey of Personnel Entering Military Service was administered to enlistees at the Armed Forces Entrance Examination Stations (AFEES) immediately after they were sworn in. The purpose of the survey, referred to as the 1979 AFEES Survey, was to provide the Office of the Secretary of Defense (OSD) and the military Services with data that can be used in policy formulation and research, especially in the areas of accession and first-term attrition of Active Force enlisted personnel. It is the only survey administered to personnel in all four Services at an identical point in their military career, i.e. immediately on enlistment.

The survey was designed to be administered in two questionnaire variants, one focused primarily on the enlistment process, the other on identifying possible predictors of attrition. Both variants contain a common set of items designed to collect background information about the individual. In addition, to study possible differences between individuals who enlist at different times of the year, the survey was administered in two phases, 6 calendar months apart. The first phase of the survey, Wave 1 (Forms 1 and 2), was administered in March-April 1979; the second phase, wave 2 (Forms 3 and 4), was administered in September-October 1979. Data collection took place at all 67 AFEES stations.

### SAMPLE DESIGN AND RESPONSE RATES

Most of the information collected in the 1979 AFEES Survey relates to the enlistment decision process and to the characteristics and experiences of the individual prior to enlistment. To take maximum advantage of the enlistees' recall of information, the questionnaires were administered as close to the enlistment decision point as possible and before they had military experience. These considerations, combined with a legal requirement prohibiting survey of individuals until after they have been sworn into the Armed Forces, led to a design that limited respondents to men and women without any prior military service who were Active Force accessions and who would be interviewed as soon as possible after the the enlistment decision point. In practical terms, this meant interviewing individuals who were going into the Delayed Entry Program (DEP) or who were being processed and sent directly to training.

To simplify administration and provide sufficient cases for analyses of various subgroups, e.g., Service, region, recruiting district, and educational group, the design called for interviewing 100 percent of the survey-eligible respondents during two designated 20-day periods. We estimated that 18,000 to 25,000 survey-eligible individuals would be processed during each of the 20-day periods. Since we planned to administer two somewhat different questionnaires simultaneously, the expected samples for each questionnaire were simply 50 percent of the survey-eligibles at each AFEES during the 20 days. The Wave 2 survey was actually conducted in the period between 4 September and 6 November 1979, depending on the AFEES station, and a total of 15,219 questionnaires were returned.

The instructions for sample selection were straightforward. Rand monitored the survey administration through periodic telephone calls to the AFEES. Preliminary indications suggest, nevertheless, that some AFEES did not always follow the instructions for collecting data and identifying respondents.

To verify the sample composition, the sampling criteria were applied to the U.S. Army Recruiting Command (USAREC) accession records for all individuals processed between September and November. A post hoc sample was then selected by using the actual survey administration dates for each AFEES. This sample of 27,831 individuals should include the

accession record of each individual who completed a questionnaire as well as of each who was survey-eligible but did not return a questionnaire.

Using information in the questionnaires, we tried to link the 15,880 questionnaires with the USAREC records. The linkage identified 307 questionnaires that were completed by ineligible individuals, and these were removed from the files. The response rate was 56 percent. If current analysis reveals no substantial differences between the characteristics of those who returned surveys and those who did not, the data can be used without weights or additional adjustments. If a bias is found, corrective measures will have to be taken.

#### CONTENTS OF THE DATA FILES

The 1979 AFEES Survey is composed of four questionnaires: Forms 1 and 2 administered in Wave 1 (spring), and Forms 3 and 4, administered in Wave 2 (fall). The questionnaire development process for the survey was guided by two major considerations: (1) relevance of the items to important policy issues relating to accession and first-term attrition and (2) accommodation of the research needs of as large a group of potential users as possible.

It became apparent in designing Wave 1 pretest questionnaires that even a minimum set of analytic requirements could not be met in one questionnaire. Such a questionnaire would have required well over an hour of each respondent's time. To decrease respondent burden, two questionnaires were designed, with many of the items included in both. In addition to the common set, items designed to collect detailed information about the enlistment process were clustered in Form 1. A group of items identified as possible predictors of attrition, together with items asked specifically of female enlistees, were clustered in Form 2. The wave 2 questionnaires continued this broad substantive distinction between the two forms: Form 3, like Form 1, emphasized enlistment; Form 4, like Form 2, emphasized attrition and issues related to women.

#### DATA PROCESSING AND DATA LIMITATIONS

The questionnaires designed for this survey were self-administered forms suitable for subsequent processing by optical scanning. Most of the questions were followed by a set of preprinted responses. To answer the questions, the respondent was required to darken the "bubble" next to the response that best indicated his answer. Other items required the respondent to enter a multidigit number in a set of boxes by darkening bubbles to correspond to each digit. The optical scanner reads every mark the respondent makes in the prescribed places on the forms. The data files described in this note represent the data after they have been transformed from the exact responses read by an optical scanner to usable responses.

The optical scanning contractor, the Intran Corporation, was given detailed specifications for code assignment, handling of incomplete or illegible data, file formats, etc. Every attempt was made to ensure that the information on the tape would reflect all of the information provided by the respondent on the questionnaire, even where the respondent gave incomplete or extra data. Decision rules were provided for scanning responses to questionnaire items in which the respondent marked more than one answer but for which only one answer was required. Codes assigned to the optical scanning bubbles were chosen to be consistent with some of the major statistical packages currently being used by analysts. Finally, to the extent feasible, codes were selected to be consistent across items.

Intran returned the files containing the initial coding (scanning) to the Defense Manpower Data Center (DMDC). DMDC systematically processed the data files so that every response field of the survey record for every respondent contained either a well-defined response code or an audit code.

In the recoding, special attention was paid to grid responses that were either erroneously left-justified or that contained blanks. The raw marginal distributions for gridded items indicated that machine algorithms could not easily be developed for adjusting the data without extensive review of the errors; all such responses were assigned a

special audit code. Furthermore, upper and lower boundaries were also established and audit codes assigned to grid responses outside a plausible range.

The assumptions made about the handling of data in grids and extra data are as follows:

1. Incomplete grid entries do not appear on these files, i.e. they have been assigned audit codes. We assumed that data reconstruction, if possible, would not change the basic distributions of these continuous variables.
2. Ranges have been defined for continuous variables, i.e. responses in grids. The ranges for each variable are defined in Sections V and VI. A conservative approach was used in defining ranges; the range selected is slightly broader than the available information, and preliminary analysis indicates that it should be.
3. Multiple entries have been resolved in variables for which a definite criterion for selection could be established. Data resulting from such a resolution are identified by special flags, enabling analysts to eliminate information coded through this method.
4. Extra data resulting from skip pattern errors have been retained on the files. Possibly extraneous data provided by the respondent were not edited out by assigning them a "not applicable" code. The "not applicable" code was assigned only when the respondent left an item blank on the basis of an instruction.

The two last sections of the note reproduce the questions from Forms 3 and 4, together with all of the technical information required for using the data. Definitions of all the codes are included, as well as notes to aid in item interpretation.

ACKNOWLEDGMENTS

This note reflects the work and dedication of many individuals. We welcome the opportunity to acknowledge them here.

The director and staff members of the Accession and Retention Directorate, OASD(MRA&L)-Military Personnel Policy, provided much needed substantive guidance and administrative support for the conduct of this survey. A. J. Martin, the director, together with Fred Suffa and Eli Flyer, shared their many years of experience working with entrants into the military with us. James Ginter of Ohio State University, a consultant to the Directorate, provided information and ideas related to military advertising. Col. John Aldrich was our liaison with the Armed Forces Entrance Examination Stations (AFEES) for data collection.

Members of the Joint Market Analysis and Research Committee (JMARC) reviewed questionnaire drafts and offered many valuable suggestions. We would especially like to thank Ron Liveris. Special note should be made of the AFEES commanders who cooperated in the conduct of questionnaire pretests, arranged for informal discussions with enlistees, and were responsible for the actual data collection.

Several members of the Defense Manpower Data Center (DMDC) should be singled out. Kenneth C. Scheflen, chief, DMDC, solved many of the organizational and logistical problems of conducting the research. Zietta Ferris supervised all of the activities connected with the receipt and editing of questionnaires, ably assisted by Kathi Dozier, Mary T. Willis, and Geni Kabiu. Elsie Elster provided keypunching support for both the questionnaire pretest and subsequent document control activities. Helen Hagan was responsible for all aspects of file manipulation and sample verification and wrote and implemented all of the software. In addition, her sound substantive and technical suggestions, combined with patience and humor, greatly simplified and improved the work. She was assisted in some phases of the processing by Owen O'Neill, Jim Blackledge, and Ian Nelson.

We would like to mention the work of Dennis Dillor of the Intran Corporation, the optical scanning contractor responsible for the initial processing.

Our colleagues at The Rand Corporation shared their insights and experience with us in the development of the questionnaires and overall design of the survey. We would especially like to acknowledge the efforts of Cheryl Cook and Sue Berryman, whose work in issues related to women's role in the military played a major role in the questionnaire design. In the development of the questionnaires and administrative procedures, we relied heavily on and greatly profited from Jennifer Hawes's broad range of survey research experience. Deborah Hensler, William P. Hutzler, Robert L. Roll, and Jane Sachar provided helpful comments and suggestions in both the design phases of the survey and in reviewing the present document. Robert Crain's review of the final version of this note was especially useful.

As we began work on this document, we depended on the technical expertise and experience of Rand colleagues. Maureen David and Marie Sanchez were responsible for converting the optical scanning questionnaires into the printed forms in Section V and Section VI and for typing this note. The entering of code definitions, notes, and other technical information into the codebook was the responsibility of Sally Rich, who also cross-referenced the questionnaires and resolved a host of technical problems. The production of the codebook section was completed under the supervision of Diane Reingold in Rand's Survey Production Unit. Special note should be made of Debby Wesley, who carried much of the responsibility for producing Sections V and VI.

The authors are solely responsible for any errors or omissions that may remain.

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## I. INTRODUCTION

The 1979 DoD Survey of Personnel Entering Military Service is one of several interrelated data collection efforts of the Rand-DoD Survey Group, a component of the Rand Manpower, Mobilization, and Readiness Program. The survey group's objectives include the systematic examination of, and provision of policy-sensitive information about, the military life cycle. The military life cycle includes both reserve and active force enlistment decisions, experiences, career orientations, responses to policies that affect military members and their households, and decisions to leave the military.

The survey group has to date, designed and administered three military life cycle surveys:

- o The 1979 DoD Survey of Personnel Entering Military Service, administered to enlistees at the Armed Forces Entrance Examination Stations (AFEES) immediately after the enlistees were sworn in
- o The 1978 DoD Survey of Officers and Enlisted Personnel, which focused on the in-Service population, i.e. the men and women on active duty in the four Services
- o The 1979 Reserve Force Surveys, administered to enlisted personnel and officers in the Army Reserve and Army National Guard.

Future surveys may include other military populations, e.g., reservists in the Navy or Air Force, as well as other junctures in the military life cycle, e.g., separation decision.

The purpose of the 1979 DoD Survey of Personnel Entering Military Service, referred to as the 1979 AFEES Survey, is to provide the Office of the Secretary of Defense (OSD) and the military Services with data that can be used in policy formulation and research, especially in the areas of accession and first-term attrition of Active Force enlisted personnel. It is the only survey administered to personnel in all four Services at an identical point in their military career, i.e. immediately on enlistment. At the present time, it is the only vehicle for collecting detailed information about the characteristics of the men and women who enlist in the military and for providing extensive information about the events and motivations related to their enlistment.

Because the survey serves several purposes and asks a large number of questions, we decided to administer it in two questionnaire variants. In addition, to study possible differences among individuals who enlist at different times of the year, we administered the two survey questionnaires in two phases, 6 calendar months apart. The first phase of the survey, Wave 1 (Forms 1 and 2), was administered in March-April 1979; the second phase, Wave 2 (Forms 3 and 4), was administered in September-October 1979. Data collection took place at all 67 AFEES.

The data collected in this survey are documented in two Rand notes, each dealing with one wave of the data collection. This is the second note; the first note, N-1605-MRAL (November 1980), by the same authors, describes Wave 1. A third note will describe the samples, compare the survey samples to the population from which they were selected, and analyze the response rates. It will also compare the characteristics of respondents who completed questionnaires to the characteristics of the military population eligible for the survey.

This note is the user's manual and codebook for the two Wave 2 questionnaires (Forms 3 and 4). It summarizes the sample design and selection procedures, provides preliminary information about response rates and general information about the survey questionnaires and their processing, and describes the data in detail. As the basic reference for all users of the data, this note contains information with which to interpret coded responses to each question and helps users plan tabulations or other kinds of analyses. In addition, it provides technical information about the structure of the data files, number of records, general format, etc.

Section II of this note summarizes the sample design and selection procedures and currently available information about response rates. Section III discusses the substantive contents of Forms 3 and 4.

Section IV describes the operations performed on the data between the time the questionnaires were returned from the field and the existence of the actual data files. The discussion of data recoding, editing, and the assignment of audit codes to response fields is significant in that some of the assumptions made in this process have

analytic implications. The section also explains the quality checks performed on the data and gives technical information about the structure of the data files, number of records, general format, etc.

Section V reproduces the questions from the Form 3 survey instrument and provides all of the technical information required for using the data. Definitions of all the codes are included, as are notes to aid in item interpretation. Section VI presents the same information for the Form 4 questionnaire.

The appendixes contain ancillary reference material to facilitate the understanding of the sample and the questionnaires. Appendix A lists the 67 AFEES, all of which participated in the survey, the dates on which data were collected, and the number of individuals who returned questionnaires. Appendix B lists each item in Form 3 in the same order as in the questionnaire reproduced in Section V, and, for each item, the number of the corresponding question on Forms 1, 2, and 4. This listing enables the user to find identical variables in other variants. Appendix C is an ordered listing of Form 4, with references to Forms 1, 2 and 3.

## II. SAMPLE DESIGN AND RESPONSE RATES

### SAMPLE DESIGN

The sample design of the 1979 AFEES Survey was based on similar approaches to earlier surveys conducted at the AFEES stations. In the past, stations had sometimes been assigned a quota of questionnaires to be administered, either a definite number or a number based on the number of individuals processed in a given period, and the selection of individuals had been left to the discretion of the survey administrators. Alternatively, AFEES stations had been asked to survey all of the individuals processed during a given time period. In general, the type of individual to be surveyed, e.g., males or females, or individuals with or without prior Service had also been defined.

Most of the information collected in the 1979 AFEES Survey relates to the enlistment decision process and to the characteristics and experiences of the individual prior to enlistment (discussed in detail in Section III). To study the enlistment process completely, we would need a longitudinal survey design that would follow individuals from the time they made the initial gesture toward the Armed Forces, through all phases of recruiter contact, to the swearing-in ceremony. Data collected at the point at which the decision is clearest in the enlistee's mind, i.e. at the AFEES, may be used as a surrogate method of collecting some of the data needed to understand the process. In addition, the individual's recall of such experiences and events as employment history, contact with educational institutions, and the recruitment process is probably also at a maximum just prior to actual Service entry.

These considerations, combined with a regulation prohibiting surveys of individuals until after they have been sworn into the Armed Forces, led us to a design that limited respondents to men and women without any prior military Service who were active force accessions and who would be interviewed as soon as possible after the enlistment decision had been made. In practical terms, this meant interviewing individuals who were going into the Delayed Entry Program (DEP) or who were being processed and sent directly to training without time in DEP, i.e., "direct ships."

The initial sample design called for administration of the questionnaire at a subgroup of AFEES in March and at another subgroup in September; the larger stations were to have been included in both samples. However, as we examined station characteristics and accession flows, it became clear that such subsamples would be difficult to select. The data with which to select a better sample, e.g., economic distribution of the eligible pool in each AFEES jurisdiction, was not available. Furthermore, such a sample design would not have allowed for the allocation of respondents to recruiting areas, a feature requested by the Joint Market Analysis and Research Committee (JMARC) and previously implemented in 1976. As a result, the survey was administered at all 67 stations, both in spring and fall.

To simplify administration and provide sufficient cases for analyses of various subgroups, e.g., Service, region, recruiting district, and educational group, the final design called for interviewing 100 percent of the survey-eligible respondents during a designated 20-day period. The size of the expected sample was estimated on the basis of Military Enlistment Processing Command (MEPCOM) files for March-April and September-October 1978. We assumed no major changes in the accession patterns of a particular time of the year from 1978 to 1979 and estimated that 18,000 to 25,000 survey-eligible individuals would be processed during each 20-day period. Since we planned to administer two somewhat different questionnaires simultaneously, the expected samples for each questionnaire were simply 50 percent of the survey-eligibles at each AFEES during the 20 days.

The calendar time for the survey administration was selected on the basis of several criteria. First, both conventional wisdom and statistics describing enlistees suggested that their backgrounds and the reasons for enlistment differed between spring and fall. Second, the spring data collection would coincide with several civilian studies of the youth population. Thus, statistical comparisons between the enlistee population and individuals not entering military Service could be made.

Any sample design for a survey conducted at the AFEES is, of course, constrained in several ways. First, the number and type of individual who will be processed in a given period is not known. Second, the actual administration and sample selection is often the responsibility of individuals who do not understand the purpose of the study and are not sensitive to the need for accuracy in sample selection and record keeping. Finally, operational requirements of the AFEES often create conditions that are less than optimal for data collection. For these reasons, a sample that is well defined and easy to select is preferable to more sophisticated designs.

#### SAMPLE SELECTION PROCEDURES

The survey period was defined as 20 consecutive working days following the receipt of survey materials. The period was to include Saturdays if the AFEES was in operation. As can be seen from Table A, Appendix A, the survey was conducted between September and November, depending on the AFEES station.

Survey administrators were instructed to use the signed enlistment contracts to identify survey-eligible enlistees. As indicated above, an enlistee was survey-eligible if he or she:

- o Had no prior military Service (NPS)
- o Was joining the active force (Army, Navy, Air Force, or Marine Corps)
- o Was entering the Delayed Entry Program or
- o Was entering active duty on the day of the survey and had not been in a DEP.

The eligibility rules were defined in the administrative instructions. To check survey eligibility, Question 2 of each questionnaire asked:

2. Is this sentence TRUE or NOT TRUE for you?

Today is the FIRST TIME I have ever been sworn into the military.

o TRUE for me (Go to Q.3)

o NOT TRUE for me (SEE SPECIAL INSTRUCTIONS BELOW)

SPECIAL INSTRUCTIONS: IF YOU HAVE EVER BEEN SWORN INTO THE MILITARY BEFORE TODAY, PLEASE TELL THE SURVEY ADMINISTRATOR NOW. DO NOT CONTINUE THE SURVEY.

If a survey participant notified the survey administrator that he or she had been sworn in before the day of the survey, the enlistment contract was to be checked. If an enlistee was found ineligible to participate, he or she was not to have completed the questionnaire.

#### RESPONSE RATES

The instructions for sample selection were straightforward, and the cooperation of each AFEES in survey administration was encouraged both by the United States Army Recruiting Command (USAREC) and the Services. Rand monitored the survey administration through periodic telephone calls to the AFEES. Preliminary indications suggest, nevertheless, that some AFEES did not always follow instructions for collecting data and identifying respondents.

As part of verifying the sample composition, the sampling criteria defined above were applied to the USAREC accession files containing records for all individuals processed between September and June. A post hoc sample was then selected by using the actual survey administration dates shown for each AFEES in Table A. This sample of 27,831 individuals should include the accession record of each individual who completed a questionnaire, as well as of each who was survey-eligible but who did not return a questionnaire.

Using information in the questionnaires--primarily Service, SSN, AFEES code, and birthdate--we tried to link the 15,880 questionnaires from the fall administration to the USAREC records. This linkage

revealed a total of 307 survey records completed either by individuals who were definitely entering the Marine Corps Reserve (n = 61), the Army Reserve (n = 230) or those with prior military Service (n = 16). These records were removed, leaving a total of 15,573 records in the files.

The files currently contain 121 records in which the respondent indicates that he or she had been sworn into the military prior to the survey day, but for which the USAREC record has not been identified. These individuals may, in fact, not be survey-eligible.

The size of the post hoc sample selected, 27,831 individuals, suggests that the response rate for the survey may be smaller than expected. Without adjustment for the AFEES that administered the survey for less than 20 days, the response rate is 56 percent. An analysis of survey bias is being undertaken to determine if substantial differences exist between the characteristics of those who returned surveys and the population eligible for the survey. If we find that definite bias does exist, adjustments in the form of weights will have to be developed.

### III. CONTENTS OF THE DATA FILES

#### DATA REQUIREMENTS

The 1979 AFEES Survey, as indicated above, is composed of four questionnaires: Forms 1 and 2 administered in Wave 1 (spring), and Forms 3 and 4 administered in Wave 2 (fall.) The questionnaire development process for the survey was guided by two major considerations: (1) relevance of the items to important policy issues relating to accession and first-term attrition and (2) accommodation of the research needs of as large a group of potential users as possible.

The precise structure and contents of the questionnaires resulted from several interrelated activities. Suggestions and recommendations for content were solicited from all of the offices in MRA&L, the Services, and JMARC. Rand researchers working on issues of military manpower supply, accession policy, and the use of women also defined data requirements.

In addition, an extensive review of past AFEES Survey questionnaires and reports published from the resultant data was undertaken. The purpose of the review was to determine if any continuity of subject areas and items existed across questionnaires and if any of the analysis used data that were collected in a similar manner at different times. The review concluded that significant differences in questionnaire structures, modes of administration, and samples existed between each of the previous AFEES surveys. Strict continuity, therefore, was not an issue in designing the new survey. It became clear, however, that variables should be selected and items designed so that the data collection would allow for comparisons with existing civilian data bases. Specifically, comparisons should be possible with the U.S. Bureau of the Census Current Population Survey and the Department of Labor National Longitudinal Survey of Youth.

It became apparent in the process of designing Wave 1 pretest questionnaires that even a minimal set of analytic requirements could not be met in one questionnaire. Such a questionnaire would have required well over an hour of each respondent's time. To decrease respondent burden, two questionnaires were designed, with many of the

items included in both. In addition to the common set, items designed to collect detailed information about the enlistment process were clustered in Form 1. A group of items identified as possible predictors of attrition, together with items asked specifically of female recruits, were clustered in Form 2. The Wave 2 questionnaires continued this broad substantive distinction between the two forms: Form 3, like Form 1, emphasized enlistment; Form 4, like Form 2, emphasized attrition and issues related to women. Differences between the Wave 1 and Wave 2 questionnaires resulted from a decision to broaden the data base and substitute a small number of new items in Wave 2. In addition, experience with the Wave 1 questionnaires identified some technical problems that led to modification of the questionnaires before Wave 2.

#### STRUCTURE OF THE QUESTIONNAIRES

The questionnaires were similarly structured. The first section, Your Enlistment, collected basic information about the enlistment contract, including Service, length of enlistment, and entry level pay, together with the individual's assessment of the reasons that he or she enlisted. The second section, Facts About You, included the detailed information about the individual, including sex, race, Social Security number, and date and place of birth. The questionnaire also sought information about the composition of the enlistee's present household and his household when he was 14 years old. The section called Your Education included past and present school attendance, attainment levels, and self-reported grades. Items were included about standard college board exams, application to post-secondary educational institutions and the results of such applications. Form 3 identified participants in the Veteran's Educational Assistance Program (VEAP); Form 4 contained special items for non-high-school graduates.

The fourth section, Marriage and Children, included both present marital and family status and future plans. Section V, Working and Jobs, collected labor force participation information since age 16, together with details about the job currently or most recently held. Additional items in Form 4 asked the reasons for leaving jobs. Both forms included a labor force activity account for the preceding year in

which the respondent was asked to report activities in terms of working full time, working part time, unemployed, or looking for work for each month. Participation in government-sponsored training programs, such as CETA, was also ascertained.

The section called Your Income and Expenses was designed to assess economic maturity and experience. The enlistee was asked about income for the past 3 years, total value of savings and checking accounts, and receipt of allowances and rent payments. The respondent was asked to estimate earnings if he or she were not entering the military and to indicate a preference between military and civilian jobs at different wage rates.

Form 4 contained a special section, Your Family, designed to collect data about parents, brothers, and sisters, including experience in the military, educational attainment, occupations, family income, and welfare dependency.

The next section, Your Decision to Enlist, provided data about the decisionmaking process and the importance of various information sources within it. Special attention was paid to collecting information about the sequence of activities related to enlistment, such as the order of interaction with various recruiters and the date of initial contact. Form 3 contained an expanded enlistment-decision process section at the end of the questionnaire.

This expanded last section of Form 3 described enlistment options in each of the Services and asked the respondent to indicate preferences for programs in a Service other than the one that he or she was joining. The respondent was asked: "If only the [Service] had offered each item listed below, would you have joined the [Service] instead of the Service you joined today?"

The last section of Form 4, What's Your Opinion, included a short psychological battery, items to assess attachment to a geographical locale, and a projective assessment of satisfaction with military life. Items in the second part of the section, to be answered by women recruits, related to the choice of and preference for traditional or non-traditional jobs and the feelings of family and friends on the military job selected.

The above summary of the questionnaires follows the order of the questionnaires. Table 1 summarizes the questionnaire by substantive content area. Not every item in the four questionnaires is included in this table; however, every content area is listed. In addition to the classification of items, the table indicates which of the four questionnaires contain the items.

The most complete listing of questionnaire contents appears in the appendixes. Appendix B lists each item in Form 3 in the same order as the questionnaire and, for each item, the numbers of the corresponding question on the other three questionnaires (Forms 1, 2, and 4). Appendix C is an ordered listing of Form 4, with references to Form 1, 2, and 3.

Table 1

1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE:  
QUESTIONNAIRE CONTENTS

Form				Contents
1	2	3	4	
				<u>Individual and Family Background</u>
x	x	x	x	Sex
x	x	x	x	SSN
x	x	x	x	Race
	x		x	Physical condition
x	x	x	x	Date of Birth
x	x	x	x	State/country of birth
				Living Environment at Age 14
x	x	x	x	With whom living
	x		x	Did mother work for pay
	x		x	Parents marital status
				Respondent's Mother and Father
	x		x	Age
	x		x	Highest grade completed
	x	x	x	Most Recent occupation
	x		x	Military history
				Respondent's Siblings
	x	x	x	Total number
	x		x	Number older than respondent
	x			Number younger than respondent
	x		x	Highest grade completed by oldest
	x		x	Military history
				Residence
x	x	x	x	Current state/zip
x		x		Size of current place
	x		x	Number of places lived in
				Family Income
x	x	x	x	1978 total
x	x	x	x	Welfare dependency
	x		x	Psychological battery
				<u>Marital History and Fertility</u>
x	x	x	x	Current household composition
x	x	x	x	Current marital status
x	x	x	x	Future marital plans
				Current Marriage
x	x	x	x	Duration
x				Highest grade completed by spouse
x	x	x	x	Military status of spouse

Table 1 (Continued)

1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE:  
QUESTIONNAIRE CONTENTS (Continued)

Form				Contents
1	2	3	4	
x	x			Number of dependents
x	x	x	x	Number of children
x	x		x	Number of children expected
				<u>Educational Background</u>
				<u>School Status</u>
x	x	x	x	Date last enrolled
	x		x	Reasons for leaving high-school
				<u>Attainment</u>
x	x	x	x	Minimum competency exam
x	x	x	x	Highest grade completed
x	x	x	x	Highest degree received
x	x	x	x	Self-reported grades
				<u>Vocational, Technical or Business Schools</u>
		x	x	Applications and acceptance
x	x	x	x	Attendance at and completion of
x	x	x	x	Graduation from
				<u>College or University</u>
		x	x	College board tests taken
		x	x	Applications and acceptance
				<u>Extracurricular Activities</u>
		x		Sports
		x		Social, other clubs
x	x	x	x	Highest grade of school desired
				<u>Labor Force Status and Experiences</u>
				<u>Experience since age 16</u>
x	x	x	x	Part time or full time work
	x	x	x	Numbers of employers
	x	x	x	Reasons for leaving jobs
x	x	x		Unemployment compensation
				<u>Most Recent Job</u>
x	x	x	x	Starting/ending dates
x	x	x	x	Hours worked/week
x	x	x	x	Earnings/hour
x	x	x	x	Occupation/industry
x	x	x	x	Monthly labor-force status in 1978
x	x	x		Contact with federal job programs
	x		x	Evaluation of job characteristics

Table 1 (Continued)

1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE:  
QUESTIONNAIRE CONTENTS (Continued)

Form				Contents
1	2	3	4	
				<u>Assets and Expenses</u>
x	x	x	x	1976, 1977, 1978 Income
x				Savings
x	x			Allowance
x	x			Rent
x	x	x	x	Expenses paid
				<u>Enlistment Characteristics</u>
x	x	x	x	Delayed entry or direct ship
x	x		x	Reasons for delayed entry
x	x	x	x	Date of delayed entry
x	x	x	x	Service
x	x	x	x	Term of enlistment
x		x		Entry pay grade
x	x	x	x	Monthly basic pay
x		x		Enlistment bonus type/amount
				<u>Enlistment Decision</u>
x	x	x	x	Reasons for enlistment/service selection
x	x	x	x	Preference among services
				<u>Civilian Alternatives to Enlistment</u>
x	x	x	x	Labor force options
x	x	x	x	Educational options
x	x	x		Date of final decision
x		x		Plans for VEAP participation
				<u>Enlistment Process</u>
				<u>Services Contacted</u>
x				Via toll-free numbers
x				Via coupons
				<u>Recruiters Seen</u>
x	x	x	x	Service
x	x	x	x	Date
x		x		Referral to others
				<u>Service Options</u>
x		x		Knowledge of options
x		x		Comparison of options
				<u>Job Selection Process</u>
x	x	x	x	Interaction with counselor
x	x	x	x	Reasons for job selection
		x		Comparison of job to civilian jobs
x	x	x	x	Satisfaction with job
x	x	x	x	Perceived attitudes of others toward enlistment
x	x	x	x	Projected satisfaction with military
				<u>Women Only</u>
	x		x	Type of job (traditional or not)
	x			Perceived attitudes of others toward job choice
	x		x	Evaluations of women's roles

#### IV. DATA PROCESSING AND DATA LIMITATIONS

The questionnaires designed for this survey were self-administered forms suitable for subsequent processing by optical scanning. Most of the questions were followed by a set of printed responses. To answer the question, the respondent was required to darken the "bubble" next to the response that best indicated his answer. This response type is known as a precoded question. Other items required the respondent to enter a multidigit number in a set of boxes by darkening bubbles to correspond to each digit. This response type is known as a grid question. The optical scanner reads every mark the respondent makes in the prescribed places on the forms, either next to precoded items or in grids. The data files described here represent the data after they have been transformed from the exact responses read by an optical scanner to usable responses. The remainder of this section describes the data transformations, alerting the user to procedures that may have implications for subsequent data processing and analytic interpretation.

#### QUESTIONNAIRE RECEIPT AND EDITING

The procedure followed in the receipt and editing of the questionnaires at the Defense Manpower Data Center (DMDC) will be described in detail in a subsequent document, and recommendations will be made for changes for future DoD survey efforts. The basic outline of that procedure as it affects the actual processing of questionnaires is outlined below.

DMDC received questionnaires from the AFEES in boxes containing approximately 100 questionnaires. These shipments were to have been accompanied by a report form indicating the origin, size, and contents of the shipment.

In preparing questionnaires for optical scanning, DMDC personnel separated completed questionnaires from incomplete or blank forms and marked each form with an AFEES-specific identifier. DMDC personnel also calculated the administration time of each questionnaire, based on the respondent's entry of time at the beginning and end of each questionnaire form, and entered the time on the form.

In addition to assignment of AFEES identifiers, the questionnaires were also carefully reviewed at this stage to make sure that they were scannable. This review included verifying that the questionnaires did not contain stray markings, that pencil markings were dark enough to be scanned, and that a few questionnaires which had been marked with ink or which contained torn or missing pages were identified. Inked questionnaires and other potentially unscannable questionnaires were subsequently remarked with scannable pencils.

Upon completion of editing, DMDC sent the questionnaires to the optical scanning contractor, the Intran Corporation, for the preparation of machine-readable data. To simplify processing for Intran, questionnaires were sorted by form number prior to shipping.

#### OPTICAL SCANNING SPECIFICATIONS

Intran was given detailed specifications for code assignment, handling of incomplete or illegible data, file formats, etc. In writing specifications for the optical-scanning contractor, several considerations were taken into account. First, every attempt was made to ensure that the information on the tape returned to DMDC would reflect all of the information provided by the respondent on the questionnaire. Thus, even in those cases where the information was incomplete, or extra data were provided, the specifications were designed to preserve data. For example, partial numeric entries were scanned instead of substituting an audit code for the whole entry.

Second, decision rules were provided for scanning responses to questionnaire items in which the respondent marked more than one answer but for which only one answer was required. Third, codes assigned to the optical-scanning bubbles were chosen to be consistent with some of the major statistical packages currently being used by analysts. Finally, to the extent feasible, codes were selected to be consistent across items; e.g., the same numeric code was assigned to all "don't know" response options.

Although a general set of specifications was developed to apply to all of the questionnaires, each questionnaire also required its own set of item-specific optical-scanning specifications. (The precise

technical specifications can be obtained by writing to the Chief, Survey Branch, Defense Manpower Data Center, 300 North Washington Street, Alexandria, Virginia 22314.)

Before DMDC's processing is described, several aspects of the optical scan processing of blank data and extra data and of information in grids require further explanation.

The returned questionnaires contained many instances of items that had been left blank. In processing, a distinction was made between items that had have been left blank because the respondent had been instructed to skip them and items that had been left blank as the result of respondent error. In the former case, the optical-scanning contractor was instructed to leave a blank field on the record. In the latter case, an audit code for missing data (-1) was entered. This distinction is necessary because the optical-scanning process is set up to scan only one data field at a time; i.e. the machine is not normally programmed to check relationships between data fields and determine whether or not an item should have been skipped by a specific respondent. Leaving blank the data fields that could be part of a skip pattern simplified subsequent processing at DMDC. Software was written at DMDC to check item interrelationships and to change those blanks either to codes indicating that the item did not apply to the respondent or, if the respondent should have answered the item, to a missing value code (-1).

Extra data were of two kinds. First, a respondent may have answered an item which, in fact, he should have left blank, i.e. an item that he had been instructed to skip. Second, a respondent may have marked more than one response to an item that called for only one response. The extra data of the first kind were simply left on the tape. In the second situation, Intran was given item-specific rules either for an audit code or selection among multiple entries. An audit code was used for all items for which it was impossible to develop an algorithm for selecting from among the two or more coded answers. If a logical determination of the correct response could be made, Intran was provided with rules for resolving the multiple entry. For example, in items asking for educational attainment, respondents often marked the

bubbles next to both "8th grade" and "12th grade." Examination of the layout of the educational attainment items on the optical-scanning form clarifies why this mistake could be made (see, Form 1 questions 32 and 33.) We assumed that the respondent intended to show completion of both elementary and high school, and therefore we coded a value of "12" on the data files. If the selection rule was used, a flag was set to enable the analyst to distinguish between "pure" cases of 12th grade marked by the respondent and those resulting from the resolution of a multiple entry. For each questionnaire, an extra set of variables was created and appended to the end of the file; each extra variable was associated with a questionnaire item for which additional instructions had been provided.

Information in grids also presented special problems in optical scanning. Apart from errors the respondent may have made in entering information in the boxes, several types of errors resulted in marking the matching bubbles. First, although the instructions asked the respondent to "zero-fill" and "right-justify," some respondents entered the value properly in the boxes (right-justified), but failed to zero-fill the bubbles corresponding to the response. Second, some respondents entered the value in the boxes and marked the bubbles from the left. Finally, some respondents entered the values properly in the boxes but forgot to darken some or all of the corresponding bubbles. Except for zero-filled right-justified entries, data in grids were scanned as marked by the respondent without special adjustments. Subsequent handling of these grids by DMDC is outlined in the next section.

#### RECODING AND AUDIT CODES

Intran returned the automated files to DMDC. The automated files contained the codes specified for each item in the questionnaire, together with the extra variables indicating that rules for resolving multiple entries had been used. These are unrecoded files, representing only the initial coding (scanning) of the data. Before any additional processing was undertaken, DMDC checked the unrecoded files as received from Intran to verify that the expected code values were present in each data field.

DMDC next systematically processed the data files so that every response field of the survey record for every respondent contained either a well-defined response code or an audit code. Since the optical- scanning process cannot distinguish between responses that have been correctly left blank by a respondent, i.e. are part of a skip pattern, and those that have been missed, i.e. left blank in error, software was developed to check each blank field on each survey record and to assign either an audit code of -1 (missing data) or to replace the blank with an appropriate value referring to a specific "not applicable" definition. For example, blank fields in the item requesting spouse's education would either be recoded with an audit value of -1 (missing) if the programmed algorithm checked marital status and found the respondent married, indicating that the question should have been answered, or a value of -3 (not applicable) if the algorithm found that the respondent was single, indicating that the item was appropriately skipped.

Several aspects of the recoding should be emphasized. First, in many instances, the respondent was asked to answer a question by marking more than one response category ("Mark all that apply"). In scanning the questionnaires, Intran treated each response category as a separate variable. The contractor left a response category blank if it was unmarked, since the scanner could not tell if the respondent meant to leave that particular response blank and mark another in the series or if the respondent left all of the response categories in the series blank. In those instances, the function of recoding was to treat the series of responses as an interrelated series and to assign values of "not marked" to blank response categories.

Second, the questionnaires contained instances in which a particular item was appropriately skipped by more than one group of respondents. Whenever possible, separate codes were assigned to the different "not applicable" categories in the recoding.

Third, to some extent, recoding was used to create new variables that would more clearly distinguish a special category of respondents or responses which might simplify subsequent analyses.

None of the recoding, however, changed any of the data provided by the respondent; only blanks were recoded. In other words, recoding was not used as a process of modifying the data base by either eliminating extra data or by making assumptions about what "correct" responses should be. We give two examples below:

1. A number of respondents who gave their marital status as divorced nevertheless provided information about "wife's education." According to the instructions, respondents who "are not married now" should have skipped these items. In recoding the file, blank values in "wife's education" were checked against marital status and either a "missing" or "not applicable" code assigned. However, filled in values for the "wife's education" variable provided by individuals for whom the question should have been "not applicable," e.g., divorced, were left in the file. Analysts can either assume that marital status is correct and recode "wife's education" further or select a subgroup for analysis, e.g., only "married" or "separated" individuals in this example, and the extra data will automatically be eliminated from the tabulations.
2. A number of respondents who indicated that they "did not" sign up for a job that paid a bonus nevertheless provided a "bonus amount." In recoding the file, blank values in "bonus amount" were checked against the item indicating whether or not a bonus was received. If the respondent indicated that a bonus was received, an audit code of -1 (missing) was assigned. If the respondent indicated that a bonus was not received, a "not applicable" code was assigned. Discrepant cases, however, were not recoded. The analyst will have to decide, in this example, whether to accept the bonus amount and assume that the indication of whether or not a bonus was received is in error or whether to select for analysis only individuals who indicated receiving a bonus.

In the recoding, special attention was paid to grid responses that were either erroneously left-justified or contained imbedded blanks. The raw marginal distributions for gridded items indicated that machine algorithms could not easily be developed for adjusting the data without extensive, almost case-by-case, review of the errors. Even if a pattern of error could be detected which would allow for algorithmic adjustment, users might raise objections to the recoding assumptions. As a result, in the recoding, all such responses have been assigned an audit code (-4) defined as "incomplete data provided by the respondent." As the subsequent discussion indicates, only about 10 percent of the questionnaires contained one error of this type; therefore its overall magnitude does not appear serious.

The review of marginals for grid response items also indicated that some responses that were technically accurate were, in fact, substantively highly unlikely. More specifically, the responses were outside of a plausible range of responses. For example, the grid associated with the year of birth item allows for entry of numbers between 00-69. References such as 18 or 69 are technically correct but outside a plausible range. In processing, upper and lower boundaries were established for all such items and an audit code (-4) assigned to out-of-range values.

DMDC has, however, maintained auxiliary tapes in which the incomplete and out-of-range entries are present, i.e. tapes in which audit code values of -4 have not been assigned. If a user has the resources to undertake data reconstruction for items with imbedded blanks or wants to expand the ranges for items, DMDC can make such auxiliary files available. Obviously, if reconstruction were successfully completed by any user for any variable, the results would be made available to all known users.

#### ANALYTIC IMPLICATIONS OF DATA PROCESSING PROCEDURES

As indicated above, the data processing procedures included assumptions about the handling of data in grids and extra data. Here we summarize the assumptions and processing decisions and offer suggestions to data users.

1. Incomplete grid entries do not appear on these files; they have been assigned audit codes. We assumed that data reconstruction, if possible, would not change the basic distributions of these continuous variables. As indicated above, the incomplete data are available from DMDC for review and reconstruction attempts.
2. Ranges have been defined for continuous variables, i.e. responses in grids. The ranges for each variable, defined in Sections V and VI, have been selected on the basis of either information, e.g., birthdate of enlistee, or judgement. A conservative approach was used in defining ranges; the range selected is slightly broader than the available information, and preliminary analysis indicate that it should be. The data are available from DMDC for the user who wishes to expand the the ranges even further.
3. Multiple entries have been resolved in variables for which a definite criterion for selection could be established. Data resulting from such a resolution are identified by special flags, enabling analysts to eliminate information coded through this method.
4. Extra data resulting from skip pattern errors have been retained on the files. Possibly extraneous data provided by the respondent were not edited out by assigning them a "not applicable" code. The "not applicable" code was assigned only when the respondent left an item blank on the basis of an instruction.

The user will have to judge the possible impact of extra data on each analysis. In some cases, the elimination of such data may be straightforward; in other cases, problematic. For example, some individuals who coded marital status as "single, never married" nevertheless provided information about a spouse. An analyst may want to assume that marital status was correct and delete the information about a spouse by analyzing "marital status." The decision to eliminate

data is more ambiguous and therefore more difficult to make in situations where both the criterion variable, e.g., type of bonus, and the subsequent question, amount of bonus, contradict each other.

To aid the user in identifying sets of questions that are part of legitimate skip patterns, special notations have been included in Sections V and VI. The notation "QUESTION XX IS NOT ANSWERED BY ALL RESPONDENTS" appears above such items, followed by a reference to an earlier item or an explanation of respondent categories that should have answered the items. Also included with each question in Sections V and VI are the exact skip instructions printed on the questionnaire instructing respondents to leave certain questions unanswered.

#### QUALITY CHECKS AND INDICATORS

Survey research is always subject to some degree of respondent error, some unintentional and some deliberate. Unintentional errors may result from misunderstanding an item. For example, a widowed respondent might answer items about the spouse, even though the item instruction is for "married now" persons. Unintentional errors can also occur in recording a response, e.g., in left-justification in a grid or by marking a bubble across from a response category other than the one intended. These unintentional errors may result from technical problems with the questionnaire which were not adequately solved prior to survey administration, or from a range of factors related to the respondent (e.g., the respondent may have been interrupted or distracted while completing the questionnaire).

Respondent error may also arise through deliberate questionnaire mismarking on the part of the respondent. An individual who is annoyed or inconvenienced by the survey has the option of refusing to participate. However, it is also possible to find a respondent who answers randomly without reading items or who deliberately chooses to make false responses. Another example, though less extreme, is the respondent who cooperates in the beginning of the survey but either loses interest or motivation and, therefore, either finishes with random responses or simply does not complete sections of the questionnaire.

Several analyses to assess the effect of respondent errors on the overall quality of the data are currently under way. These analyses will be reported in a separate document. Several preliminary steps in the analyses are described below, and information is given to aid data users in determining the quality of the data.

One approach to determining data quality is to examine the extent to which audit codes for missing, uncodable, incomplete, or out-of-range data were assigned. Although different items vary in complexity for the respondents, for the present purpose one can assume that a gross count of these codes, by Form, can be of use in assessing quality. Table 2 contains a distribution of the number of questionnaires by the number of missing or uncodable data codes (-1). The data in the table are not directly comparable across both Forms, since the number of possible missing or uncodable codes varies. Although each Form contained more than 270 data elements which could have been coded as missing or uncodable by each respondent, examination of Table 2 shows that for both Forms, approximately 70 percent of the questionnaires contained less than 10 percent missing data, i.e. less than 30 audit codes per questionnaire. In addition, the number of respondents who returned questionnaires with substantial data gaps, i.e. more than 176 audit codes, is quite small. These cases, however, are currently on the data files. Before such cases can be eliminated, it is important to establish whether their exclusion would bias the data in any definite ways. For the present, we assume that each analyst will make independent decisions about elimination of incomplete cases. Another way to assess data quality is to examine the distribution of questionnaires by the number of variables with incomplete or out-of-range data codes (-4), as shown in Table 3. The data in Table 3 indicate that grid entries, when made, were not a serious problem in these questionnaires.

As part of our work, we have written a series of "quality checks" for each Form to check each respondent's record for data inconsistencies and the presence of information in certain critical variables (e.g., sex, Service). As indicated above, the data tapes have not been edited to eliminate inconsistencies or extra data, and audit codes exist where applicable. The quality checks, therefore, can provide a measure of

Table 2  
DISTRIBUTION OF QUESTIONNAIRES BY NUMBER OF VARIABLES  
WITH MISSING OR UNCODABLE DATA (-1)\*

Number of -1 Data Codes Per Questionnaire	Form 3 Questionnaires			Form 4 Questionnaires		
	Number	%	Cum %	Number	%	Cum %
None	451	5.8	5.8	548	7.1	7.1
1	366	4.7	10.5	619	8.0	15.1
2	265	3.4	13.9	652	8.4	23.5
3	393	5.0	18.9	523	6.8	30.3
4	317	4.0	22.9	422	5.5	35.8
5	317	4.0	26.9	340	4.4	40.2
6-10	1035	13.2	40.1	869	11.2	51.4
11-15	785	10.0	50.1	545	7.0	58.4
16-20	538	6.9	57.0	414	5.3	63.7
21-25	437	5.6	62.6	428	5.5	69.2
26-30	319	4.1	66.7	286	3.7	72.9
31-50	753	9.6	76.3	582	7.5	80.4
51-75	366	4.7	81.0	332	4.3	84.7
76-100	214	2.7	83.7	138	1.8	86.5
101-125	183	2.3	86.0	220	2.8	89.3
126-150	230	2.9	88.9	174	2.2	91.5
151-175	288	3.7	92.6	156	2.0	93.5
176-200	125	1.6	94.2	133	1.7	95.2
200-225	170	2.2	96.4	138	1.8	97.0
226+	278	3.6	100.0	224	2.9	99.9
Total	7830	100.0		7743	99.9	

\*The maximum number of missing or uncodable data codes which could have been assigned to Form 3 = 272 and Form 4 = 283.

quality of the data files. An error detected by a quality check indicates that:

1. Data do not meet an interitem consistency check
2. Data do not meet a specification for a legitimate range or
3. Data are either missing or uncodable (-1) or marked so that a value cannot be determined (-4).

Table 4 shows the frequency distribution of questionnaires by the total number of errors detected by the quality checks for each of the Forms. An examination of the data indicates that most of the respondents followed the instructions in the questionnaires and provided usable data. The quality check variables are not on the data files. Items involved in quality checks are, however, identified in Sections V

Table 3

DISTRIBUTION OF QUESTIONNAIRES BY NUMBER OF VARIABLES WITH INCOMPLETE OR OUT-OF-RANGE DATA CODES (-4)\*

Number of Incomplete or Out-of-Range Data Codes/Questionnaire	Form 3 Questionnaires			Form 4 Questionnaires		
	Number	%	Cum %	Number	%	Cum %
None	6447	82.3	82.3	3243	41.9	41.9
1	1225	15.6	97.9	3905	50.4	92.3
2	146	1.9	99.8	525	6.8	99.1
3	11	0.1	99.9	63	0.8	99.9
4	1	0.0	99.9	4	0.1	100.0
5	0	0.0	99.9	3	0.0	100.0
Total	7830	99.9		7743	100.0	

\*The maximum number of incomplete or out-of-range data codes which could have been assigned to Form 3 = 10 and to Form 4 = 12.

Table 4

DISTRIBUTION OF QUESTIONNAIRES BY NUMBER OF QUALITY CHECK ERRORS\*

Number of Quality Check Errors Per Questionnaire	Form 3 Questionnaires			Form 4 Questionnaires		
	Number	%	Cum %	Number	%	Cum %
None	1198	15.3	15.3	473	6.1	6.1
1	2181	27.9	43.2	2020	26.1	32.2
2	1358	17.3	60.5	1506	19.4	51.6
3	758	9.7	70.2	1061	13.7	65.3
4	487	6.2	76.4	664	8.6	73.9
5	331	4.2	80.6	426	5.5	79.4
6	207	2.6	83.2	295	3.8	83.2
7	167	2.1	85.3	192	2.5	85.7
8	124	1.6	86.9	178	2.3	88.0
9	141	1.8	88.7	149	1.9	89.9
10	82	1.0	89.7	73	0.9	90.8
11-12	256	3.3	93.0	154	2.0	92.8
13-14	134	1.7	94.7	144	1.9	94.7
15-16	69	0.9	95.6	123	1.6	96.3
17-18	35	0.4	96.0	51	0.7	97.0
19-20	153	2.0	98.0	212	2.7	99.7
21-25	149	1.9	99.9	22	0.3	100.0
Total	7830	99.9		7743	100.0	

\*The maximum number of quality check errors which could have been assigned to each form is 28.

and VI; e.g., Q3 shows a notation of F3, indicating that a check involving the item was written.

While examination of each of these tables certainly indicates that the data are usable, additional analysis is required before definite statements can be made about the inclusion or exclusion of specific cases. It is entirely likely, for example, that elimination of cases with multiple errors on the quality checks will also eliminate the extreme cases on the distributions of missing, uncodable, or incomplete data codes. As indicated above, all of the scanned records for each questionnaire Form are included in the data files, except those excluded because the respondent was ineligible.

#### FILE STRUCTURE

The data files for the four questionnaires are organized identically. The first few variables on each record contain identifiers included as part of the processing. These are a Form number (XV1) and a questionnaire identification number (XV2). The data from the actual questionnaires follow, in questionnaire item order. The calculated minutes for completion and the AFEES codes follow. Finally, the flags set as part of resolving multiple entries appear. Table 5 below summarizes the general structure.

Table 5  
STRUCTURE OF AFEES SURVEY FILES

Contents	Variable Names			
	Form 1	Form 2	Form 3	Form 4
Form Code	XV1	XV1	XV1	XV1
Processing Number	XV2	XV2	XV2	XV2
Survey Data	QB1-Q84	QB1-Q102	Q1A-Q109	Q1A-Q105
Minutes for Completion	XV4	XV4	XV4	XV3
AFEES Codes	XV5	XV5	XV5	XV4
Data Resolution Flags	XV6-20	XV6-20	XV6-19	XV5-18

V. ITEM-BY-ITEM SPECIFICATIONS FOR 1979 DOD SURVEY OF PERSONNEL  
ENTERING MILITARY SERVICE: FORM 3

This section contains the detailed information necessary for using specific variables from this questionnaire for analysis. Each question from the survey instrument is reproduced as it appears on the printed questionnaire, modified somewhat from the optical scanning forms which were used in the actual data collection. Optical scanning questionnaires use two basic formats, one for items in which all the response categories are pre-printed and one for items which require the respondent to enter a multi-digit numeric response. For those items on the optical scanning forms where a response is indicated by darkening a "scan bubble" next to one or more pre-printed categories, we have replaced the scan bubbles in this section with the actual numeric code assigned to the responses as a part of data processing. For those items on the optical scanning form which required the respondent to record a numeric response by entering numbers in boxes and darkening the corresponding numbers in a pre-printed optical scanning grid, we have shown just the number of boxes provided for the response. The numeric range of the scan grid is defined in the CODES section explained below.

As a visual aid, each question is enclosed in a box. As indicated in an earlier section, every question in the survey was not answered by all respondents. Instead, some items contain specific skip instructions. To aid the user in identifying items or sets of items which are part of legitimate skip patterns, a notation appears above items which should have been skipped. The notation "NOTE: QUESTION XX IS SKIPPED BY SOME RESPONDENTS, REFER TO QUESTION XY FOR SKIP INSTRUCTION" is generally used. In some instances, a special note appears before a whole section, e.g., before IV. MARRIAGE AND CHILDREN. In addition to these notations, the boxed questions contain the exact skip instructions which were printed on the questionnaire.

Immediately below each boxed question are several items of technical information required for using the data. The first, item labeled VARIABLE NAME, gives the name assigned to each variable for processing purposes. In establishing names, the questionnaire item

number has been retained as much as possible with the letter "Q" used as a prefix. However, several additional conventions have been established.

- o All lower-case alpha characters have been changed to upper-case alpha characters.
- o Unnumbered sub-items of a questionnaire item have been assigned the numeric question number followed by an upper-case alpha character, e.g., Form 3, Q17 is named Q17A - Q17E.
- o Unnumbered sub-items within an alphabetic sub-item are assigned the numeric question number followed by an upper-case alpha character and followed by a sequential number, for example, Form 3, Q37A1 - Q37A2.
- o Variables which are completely unnumbered on the printed questionnaires or variables added in the course of optical scanning are assigned an XV (extra variable) series; i.e., the Questionnaire Form Code becomes XV1, the Questionnaire Identification Number becomes XV2, etc.

The conventions used for naming variables are also used in naming the quality checks or flags appended to the data. However, a flag name is preceded by the letter "F" instead of "Q," e.g., F3.

A second item, FLAG, gives the variable name assigned to the quality check associated with the variable. For all variables which do not have an associated quality check, the FLAG entry does not appear. The next item, TAPE POSITION, indicates the location of the data on the tape.

The next item, CODES, contains a complete listing of all code values assigned to the variable. The response values listed under the CODES column are more complete than those previously listed as part of the boxed question item. The CODES section also defines the AUDIT CODES which have been assigned to each variable as part of the recoding process; i.e., the various "not applicable" responses or missing value codes assigned during the RECODING are explained. In The case of items which required a multi-digit numeric response, the allowable range of

values is defined.

Finally, the section below each question may contain special notes to the user. These NOTES provide additional information on the interpretation of the data and alert the user to special procedures which may have been followed in preparing the data for a specific variable.

DoD-MRAL Emblem

RCS #DD-M(SA)-1516  
FORM 31979 DEPARTMENT OF DEFENSE  
SURVEY OF PERSONNEL ENTERING MILITARY SERVICE

The Department of Defense is conducting a survey of people entering military service. You have been selected to participate in this important survey. Please read the instructions below before you begin the questionnaire.

## Note:

Public Law 93-573, called the Privacy Act of 1974, requires that you be informed of the purposes and uses to be made of the information that is collected.

- o The Department of Defense may collect the information requested in the DoD Survey of Personnel Entering Military Service under the authority of 10 United States Code 136.
- o Providing information in this questionnaire is voluntary. Failure to respond to any particular questions will not result in any penalty for the respondent.
- o The information collected in the survey will be used to evaluate and improve military personnel and recruiting policies.
- o The information will be used for research and analysis purposes only. The Rand Corporation under contract to the Assistant Secretary of Defense - Manpower, Reserve Affairs and Logistics (OASD-MRA+L), has primary research and analysis responsibility.

Note: This page and the following page are reproductions of the Cover Page and Instructions provided to all respondents as part of the questionnaire

## HOW TO FILL OUT THIS SURVEY

- I. Use a NO. 2 PENCIL.
- II. Read each question carefully. Make a HEAVY BLACK MARK that FILLS THE CIRCLE next to your answer.
- III. If the question asks for a DATE, mark the MONTH AND YEAR.

EXAMPLE: When did you first talk to this recruiter? Mark the Month and Year. If you talked to this recruiter in APRIL 1978, you would mark your answer as shown below.

-----MONTH-----		-----YEAR-----	
<input type="checkbox"/> January	<input type="checkbox"/> July	<input type="checkbox"/> 1979	<input type="checkbox"/> 1973
<input type="checkbox"/> February	<input type="checkbox"/> August	<input type="checkbox"/> 1978	<input type="checkbox"/> 1972
<input type="checkbox"/> March	<input type="checkbox"/> September	<input type="checkbox"/> 1977	<input type="checkbox"/> 1971
<input type="checkbox"/> April	<input type="checkbox"/> October	<input type="checkbox"/> 1976	<input type="checkbox"/> 1970 or before
<input type="checkbox"/> May	<input type="checkbox"/> November	<input type="checkbox"/> 1975	
<input type="checkbox"/> June	<input type="checkbox"/> December	<input type="checkbox"/> 1974	

- IV. If the question asks for a NUMBER, you should do THREE THINGS:
  - o Write the numbers in the BOXES, making sure that the LAST NUMBER is always placed in the RIGHT-HAND BOX.
  - o FILL in the UNUSED BOXES with ZEROS.
  - o Mark the MATCHING CIRCLE BELOW EACH BOX.

EXAMPLE: About how much did you earn per hour at your last job? Suppose you earned \$ 2.50 per hour. You would enter the number as shown below.

DOLLARS		CENTS	
-----		-----	
\$	02	.	50
	00		00
	11		11
	22		22
	....ETC.		

- V. Some questions also contain instructions about what to do next. The instruction depends on the answer you mark.

Q.46. Since you were 16 years old, have you ever had a full time or part time job?

- ( ) Yes - ANSWER Q. 47-53  
( ) No - GO TO Q.54

EXAMPLE: Suppose you have never had a full time or part time job. You would mark your answer as shown, then GO TO Q.54. This instruction tells you that you should leave QS. 47-53 BLANK, and start answering again at Q.54. In many of these questions, arrows will point to the next question you should answer.

I. YOUR ENLISTMENT

## Extra Variable

XV1 Questionnaire Form Code

Variable Name: XV1

Tape Position: 1

Codes: 3 Form 3

NOTE: A variant code was assigned to each questionnaire during the processing.

## Extra Variable

XV2 Questionnaire Processing Number

Variable Name: XV2

Tape Position: 2-7

Codes: 000001 - 999999 Sequential number

NOTE: A unique questionnaire number was assigned during the processing.

A What time is it now?

TIME: \_\_\_\_\_

NOTES: Variable XV3 does not appear on the data files.  
Information not coded, used in calculation of XV4, tape positions 589-590.

1 What is today's date?

MONTH	DAY
January.....01	<input type="checkbox"/> <input type="checkbox"/>
February.....02	
March.....03	
April.....04	
May.....05	
June.....06	
July.....07	
August.....08	
September.....09	
October.....10	
November.....11	
December.....12	

Variable Name: Q1A(Month)      Flag: F1A      Tape Position: 8-9

Codes: 01-12 January-December  
 -1 Missing or Uncodable

Notes: If more than one month marked, highest number selected.  
 If highest selected, XV6=1, tape position 599.  
 Wave 2 was administered September-November, 1979,  
 depending on the AFEES. See Introduction.

Variable Name: Q1B(Day)      Tape Position: 10-11

Codes: 01-31 Day of Month  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range data entered by R

2 Which service are you enlisting in today?

Mark One

Army.....1  
 Navy.....2  
 Air Force.....3  
 Marines.....4

Variable Name: Q2      Flag: F2      Tape Position: 12-13

Codes: 01-04 As Above  
 -1 Missing or Uncodable

3 Is this sentence TRUE or NOT TRUE for you?

Today is the FIRST TIME I have ever been sworn into the military.  
(Mark One)

TRUE for me.....1 (GO TO Q.4A)

NOT TRUE for me.....0 (SEE SPECIAL INSTRUCTIONS BELOW)

SPECIAL INSTRUCTIONS: IF YOU HAVE EVER BEEN SWORN INTO THE  
MILITARY BEFORE TODAY, PLEASE TELL THE SURVEY ADMINISTRATOR NOW.  
DO NOT CONTINUE THE SURVEY.

Variable Name: Q3

Flag: F3

Tape Position: 14-15

Codes: 01 True For Me, 1st Swearing In  
00 Not True For Me, Not First Swearing In  
-1 Missing or Uncodable

Note: Respondents who marked Code 01 may not be eligible  
for survey. See Introduction.

4A Are you shipping out TODAY?

Mark One

Yes.....1 (GO TO Q.5A)

No.....0 (ANSWER B)

Variable Name: Q4A

Flag: 4A

Tape Position: 16-17

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

B When will you enter active duty (ship out)?

MONTH	DAY	YEAR
January..... 01	<input type="text"/>	1979..... 79
February..... 02	<input type="text"/>	1980..... 80
March..... 03		
April..... 04		
May..... 05		
June..... 06		
July..... 07		
August..... 08		
September..... 09		
October..... 10		
November..... 11		
December..... 12		

Variable Name: Q4B1 (Month)

Tape Position: 18-19

Codes: 01-12 January-December  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., shipping out today

Note: If more than one month marked, highest number selected.  
 If highest selected, XV7=1, tape position 600.

Variable Name: Q4B2 (Day)

Tape Position: 20-21

Codes: 01-31 Day of Month  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., shipping out today  
 -4 Incomplete or Out-of-Range data entered by R

Variable Name: Q4B3 (Year)

Tape Position: 22-23

Codes: 79 1979  
 80 1980  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., shipping out today

5A How many years of active duty  
have you signed up for? Mark number below.

1 year or less..... 01  
2 years..... 02  
3 years..... 03  
4 years..... 04  
5 years..... 05  
6 years..... 06  
7 years..... 07  
8 years..... 08  
I don't know..(GO TO Q6).. -8

Variable Name: Q5A

Tape Position: 24-25

Codes: 01-08 Years, As Above  
-8 Don't Know  
-1 Missing or Uncodable

Note: Rs who marked Code 01 may not be eligible for the  
survey. See Introduction.

NOTE: QUESTION 5B IS NOT ANSWERED BY ALL RESPONDENTS. (SEE Q5A FOR  
SKIP INSTRUCTIONS.)

5B If your service did not offer a two year enlistment, what would  
you have done?

Mark One

Not enlisted at all.....1  
Joined my service anyway.....2  
Joined a different service:

(Mark One Below)

Army.....3  
Navy.....4  
Air Force.....5  
Marines.....6

Variable Name: Q5B

Tape Position: 26-27

Codes: 01-06 As Above  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., signed up for more than  
2 years

6 What is the total length of your military obligation, including any Reserve or National Guard obligation? Mark the number below.

1 year or less.....	01	5 years.....	05
2 years.....	02	6 years.....	06
3 years.....	03	7 years.....	07
4 years.....	04	8 years.....	08

I don't know..... -8

Variable Name: Q6

Tape Position: 28-29

Codes: 01-08 Years, As Above  
 -8 Don't Know  
 -1 Missing or Uncodable

Note: Rs who marked 01 may not be eligible for survey, see Introduction.

7 WHEN I ENTER ACTIVE DUTY, my pay grade will be:

Mark One Below.

ENLISTED GRADES: E1 E2 E3 E4 E5

OFFICER GRADES: 01 02 03 04

I don't know.....-8

Variable Name: Q7

Tape Position: 30-31

Codes: 01-05 E1-E5  
 11 01  
 12 02  
 13 03  
 14 04  
 -8 Don't Know  
 -1 Missing or Uncodable

8 AFTER ONE YEAR, my pay grade will probably be:

Mark One Below.

ENLISTED GRADES: E1 E2 E3 E4 E5  
E6 E7 E8 E9

OFFICER GRADES: 01 02 03 04 05 06  
07 08 09 010

I don't know..... -8

Variable Name: Q8

Tape Position: 32-33

Codes: 01-09 E1-E9

11 01

12 02

13 03

14 04

15 05

16 06

17 07

18 08

19 09

20 010

-8 Don't Know

-1 Missing or Uncodable

- 9 When I enter active duty, my MONTHLY BASIC PAY will be:  
(Give your best estimate)

\$ 

--	--	--	--

 PER MONTH

I don't know..... -8

Variable Name: Q9

Tape Position: 34-36

Codes: 100-900 \$100-\$900 Basic Pay  
-8 Don't Know  
-1 Missing or Uncodable  
-4 Incomplete or Out-of-Range data entered by R

- 10 If your Monthly Basic Pay were \$100 less than it is now, would  
you still have joined the military?

Mark One

Yes, definitely.....1  
Yes, probably.....2  
No, probably not.....3  
No, definitely not.....4  
Don't Know.....-8

Variable Name: Q10

Tape Position: 37-38

Codes: 01-04 As Above  
-8 Don't Know  
-1 Missing or Uncodable

11 Below are some reasons that people join the military. Please tell us if each one is TRUE or NOT TRUE for you.

	<u>TRUE FOR ME</u>	<u>NOT TRUE FOR ME</u>
A. I enlisted because I was unemployed and couldn't find a job	1	0
B. I enlisted to give myself a change to be away from home on my own	1	0
C. I enlisted because the military will give me a chance to better myself in life	1	0
D. I enlisted because I want to travel and live in different places	1	0
E. I enlisted to get away from a personal problem	1	0
F. I enlisted because I want to serve my country	1	0
G. I enlisted because I can earn more money than I could as a civilian	1	0
H. I enlisted because it is a family tradition to serve	1	0
I. I enlisted to prove that I can make it	1	0
J. I enlisted to get trained in a skill that will help be get a civilian job when I get out	1	0
K. I enlisted because I can get money for a college education	1	0

Variable Names:	Q11A	Tape Positions:	39-40
	Q11B		41-42
	Q11C		43-44
	Q11D		45-46
	Q11E		47-48
	Q11F		49-50
	Q11G		51-52
	Q11H		53-54
	Q11I		55-56
	Q11J		57-58
	Q11K		59-60

Codes: 01 True For Me  
 00 Not True For Me  
 -1 Missing or Uncodable

- 12 Which of the reasons in Q. 11 is your MOST IMPORTANT REASON for enlisting? Mark one letter below.

MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q12

Flag: F12

Tape Position: 61-62

Codes: A=01 G=07  
 B=02 H=08  
 C=03 I=09  
 D=04 J=10  
 E=05 K=11  
 F=06  
 -1 Missing or Uncodable

Note: See Variables Q11A-Q11K for definitions of letter codes.

- 13 Which of the reasons in Q. 11 is your SECOND MOST IMPORTANT reason for enlisting? Mark one letter below.

SECOND MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q13

Flag: F13

Tape Position: 63-64

Codes: A=01 G=07  
 B=02 H=08  
 C=03 I=09  
 D=04 J=10  
 E=05 K=11  
 F=06  
 -1 Missing or Uncodable

Note: See Variables Q11A-Q11K for definitions of letter codes.

- 14 If you were eligible to enlist in all four services, which service would be your first choice? Your second choice? Third? Fourth? Mark one service for each choice.

<u>1st Choice</u>	<u>2nd Choice</u>	<u>3rd Choice</u>	<u>4th Choice</u>
Army ( 1)	Army ( 1)	Army ( 1)	Army ( 1)
Navy ( 2)	Navy ( 2)	Navy ( 2)	Navy ( 2)
Air Force ( 3)	Air Force ( 3)	Air Force ( 3)	Air Force ( 3)
Marines ( 4)	Marines ( 4)	Marines ( 4)	Marines ( 4)

## Variable Names:

Q14A 1st Choice  
 Q14B 2nd Choice  
 Q14C 3rd Choice  
 Q14D 4th Choice

## Tape Positions:

65-66  
 67-68  
 69-70  
 71-72

Codes: 01 Army  
 02 Navy  
 03 Air Force  
 04 Marines  
 -1 Missing or Uncodable

15 The next question is about your military job. Please tell us if each thing listed below is TRUE or NOT TRUE for you.

	TRUE FOR ME	NOT TRUE FOR ME
A I knew the kind of military work I <u>wanted</u> before I came in today	1	0
B I knew the kind of military work I <u>qualified</u> for before I came in today	1	0
C I <u>didn't qualify</u> for the kind of military work I wanted	1	0
D The counselor gave me a <u>choice</u> of jobs	1	0
E To get the job I wanted I am entering active duty <u>earlier</u> than I had planned.	1	0
F To get the job I wanted I am entering active duty <u>later</u> than I had planned.	1	0
G The counselor <u>told me</u> which military job was best for me	1	0
H The kind of military work I got is <u>different</u> from the kind I had in mind	1	0
I The kind of military work I got <u>didn't really matter</u> to me	1	0

## Variable Names:

## Tape Positions:

Q15A	Knew Work Wanted	73-74
Q15B	Knew Work Qualified For	75-76
Q15C	Didn't Qualify for Work Wanted	77-78
Q15D	Counselor Gave Choice of Jobs	79-80
Q15E	Entering Early to Get Job Wanted	81-82
Q15F	Entering Late to Get Job Wanted	83-84
Q15G	Counselor Told Which Job Best	85-86
Q15H	Job Different From Wanted	87-88
Q15I	Job Didn't Matter	89-90

Codes: 01 True For Me  
 00 Not True For Me  
 -1 Missing or Uncodable

16 How much information did the counselor give you about the kind of work you will do in your military job?

A lot..... 1  
 Some..... 2  
 A little..... 3  
 None..... 4

Variable Names: Q16

Tape Positions: 91-92

Codes: C1 - C4 As above  
 -1 Missing or Uncodable

17 Below are a few more statements about your military job. Please tell us if each one is TRUE or NOT TRUE for you.

	TRUE for me	NOT TRUE for me
My military job is like work I have done in a civilian job.....	1	0
My military job is like things I have studied in school.....	1	0
My military job is close to my hobbies or interests.....	1	0
I know people who have civilian jobs that are like my military job.....	1	0
I know people who had my military job when they were in the military....	1	0

Variable Names:

Tape Positions:

Q17A Military Job Like Civilian Job	93-94
Q17B Military Job Like School Studies	95-96
Q17C Military Job Like Hobbies	97-98
Q17D Knows People with Civ. Jobs like Military Job	99-100
Q17E Know People Who Had Same Mil. Job	101-102

Codes:

00 Not True for Me  
 01 True for Me  
 -1 Missing or Uncodable

18 How satisfied are you with the military job you signed up for?

Very satisfied.....1  
 Somewhat satisfied.....2  
 Neither satisfied nor dissatisfied...3  
 Somewhat dissatisfied.....4  
 Very dissatisfied.....5

Variable Name: Q18

Tape Position: 103-104

Codes: 01-05 As Above  
 -1 Missing or Uncodable

19A Did you sign up for a job which pays a CASH ENLISTMENT BONUS  
 when you complete your job training?

Yes.....01 (ANSWER B AND C)  
 No.....00 (GO TO Q.20)  
 Don't Know.....-8 (GO TO Q.20)

Variable Name: Q19A

Tape Position: 105-106

Codes: 01 Yes  
 00 No  
 -8 Don't Know  
 -1 Missing or Uncodable

NOTE: QUESTIONS 19B AND 19C ARE NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 19A FOR SKIP INSTRUCTIONS.

B How much is your bonus?

Mark One

\$500.....	0
\$1,000.....	0
\$1,500.....	0
\$2,000.....	0
\$2,500.....	0
\$3,000.....	0

Variable Name: Q19B

Tape Position: 107-110

Codes: 0500-3000 As Above, Bonus Amounts  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., did not sign up or  
 doesn't know

C Suppose the job you signed up for did not pay a cash bonus.  
 What would you have done?

Mark One

Signed up for the <u>same</u> <u>job</u> anyway.....	1
Signed up for a <u>different</u> <u>job</u> in my service.....	2
Tried to join a <u>different</u> <u>service</u> .....	3
Not enlisted at all.....	4

Variable Name: Q19C

Tape Position: 111-112

Codes: 01-04 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., did not sign up or  
 doesn't know

20 Suppose a new enlistee were unhappy with military life. How easy or difficult do you think it would be for him (or her) to get out of the military before the end of the enlistment period that he (or she) signed up for?

Very easy.....1  
 Fairly easy.....2  
 Somewhat difficult.....3  
 Very difficult.....4  
 Almost impossible.....5

Variable Name: Q20

Tape Position: 113-114

Codes: 01-05 As Above  
 -1 Missing or Uncodable

21 Suppose a new enlistee left the military before the end of the enlistment he (or she) signed up for. How difficult do you think it would be for this person to get a civilian job?

Not difficult..... 1  
 Somewhat difficult. 2  
 Very difficult..... 3

Variable Name: Q21

Tape Position: 115-116

Codes: 01-03 As above  
 -1 Missing or Uncodable

22 In the area where you now live, which services offer a 2 YEAR  
ENLISTMENT CONTRACT? (Mark all that apply.)

Army.....1  
 Navy.....1  
 Air Force.....1  
 Marines.....1  
 None of the  
 Services.....1  
 I don't know.....1

Variable Names:

Flags: F22A Tape Positions:

Q22A	Army	117-118
Q22B	Navy	119-120
Q22C	Air Force	121-122
Q22D	Marines	123-124
Q22E	None	125-126
Q22F	I Don't Know	127-128

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

23 In the area where you now live, which services offer a GUARANTEED LOCATION for the first 18 months after job training? (Mark all that apply.)

Army.....1  
 Navy.....1  
 Air Force.....1  
 Marines.....1  
 None of the  
 Services.....1  
 I don't know.....1

Variable Names:

Flag: F23A      Tape Positions:

Q23A	Army	129-130
Q23B	Navy	131-132
Q23C	Air Force	133-134
Q23D	Marines	135-136
Q23E	None	137-138
Q23F	I Don't Know	139-140

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

II. FACTS ABOUT YOU

24 Are you male or female?

Male.....1  
Female.....2

Variable Name: Q24

Flag: F24

Tape Position: 141-142

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

25 What is your Social Security Number? (Enter Number Below)

--	--	--	--	--	--	--	--	--	--

Variable Name: Q25

Flag: F25

Tape Position: 143-151

Codes: 000000000-  
999999999 SSN  
-1 Missing or Uncodable  
-4 Incomplete or Out-of-Range Data Entered by R

26 Which of these describes you best? (Mark one)

I AM:

Afro-American/Black/Negro.....1  
 American Indian/Alaskan Native.....2  
 Hispanic/Puerto Rican/Mexican/Cuban/Latino/Chicano/  
 Other Spanish.....3  
 Oriental/Asian/Chinese/Japanese/Korean/Filipino/Pacific  
 Islander.....4  
 White/Caucasian.....5  
 Other (please specify on line below).....6

---

Variable Name: Q26

Flag: F26

Tape Position: 152-153

Codes: 01-06 As Above  
 -1 Missing or Uncodable

27 When were you born?

MONTH	DAY	YEAR
Jan..... 1		
Feb..... 2	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
Mar..... 3	<input type="text"/> <input type="text"/>	19 <input type="text"/> <input type="text"/>
Apr..... 4		
May..... 5		
June..... 6		
July..... 7		
Aug..... 8		
Sep..... 9		
Oct..... 10		
Nov..... 11		
Dec..... 12		

Variable Name: Q27A (Month)

Tape Position: 154-155

Codes: 01-12 January-December  
 -1 Missing or Uncodable

Variable Name: Q27B (Day)

Tape Position: 156-157

Codes: 01-31 Day of Month  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range data entered by R

Variable Name: Q27C (Year)

Flag: F27C

Tape Position: 158-159

Codes: 44-62 Year of Birth, 1944-1962  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range data entered by R

28 Follow the instructions carefully for A, and B below.

- A. Where were you born? Mark the A next to the name of the correct state or foreign country.
- B. Where do you live now? Mark the B next to the name of the correct state.

#### STATES

Alabama.....	01	Montana.....	27
Alaska.....	02	Nebraska.....	28
Arizona.....	03	Nevada.....	29
Arkansas.....	04	New Hampshire.....	30
California.....	05	New Jersey.....	31
Colorado.....	06	New Mexico.....	32
Connecticut.....	07	New York.....	33
Delaware.....	08	North Carolina.....	34
District of Columbia (DC).....	09	North Dakota.....	35
Florida.....	10	Ohio.....	36
Georgia.....	11	Oklahoma.....	37
Hawaii.....	12	Oregon.....	38
Idaho.....	13	Pennsylvania.....	39
Illinois.....	14	Rhode Island.....	40
Indiana.....	15	South Carolina.....	41
Iowa.....	16	South Dakota.....	42
Kansas.....	17	Tennessee.....	43
Kentucky.....	18	Texas.....	44
Louisiana.....	19	Utah.....	45
Maine.....	20	Vermont.....	46
Maryland.....	21	Virginia.....	47
Massachusetts.....	22	Washington.....	48
Michigan.....	23	West Virginia.....	49
Minnesota.....	24	Wisconsin.....	50
Mississippi.....	25	Wyoming.....	51
Missouri.....	26		

#### FOREIGN COUNTRIES

Africa.....	52
Asia.....	53
Central or South America.....	54
Europe.....	55
Mexico.....	56
Philippines.....	57
Puerto Rico.....	58
Other Caribbean.....	59
Other.....	60

Variable Name: Q28A

Tape Position: 160-161

Codes: 01-60 As Above  
 -1 Missing or Uncodable

Variable Name: Q28B

Tape Position: 162-163

Codes: 01-60 As Above  
 -1 Missing or Uncodable

NOTE: Optical scanning form provided coding "bubbles" next to the name of each location or foreign country for each part of the question,

e.g., |A| |B| Alabama

|A| |B| Alaska

29 What is the ZIP CODE of the place you were living when you decided to enlist? Record the ZIP CODE in the box to the right.

I don't know the Zip Code..... -8

ZIP CODE


Variable Name: Q29

Tape Position: 164-168

Codes: 00000-  
 99999 Zip Code  
 -8 Don't Know  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range Data Entered by R

30 What COUNTY were you living in when you decided to enlist?  
Write the name of the county in the space below.

COUNTY: \_\_\_\_\_

I don't know the name of the county..... -8

Variable Name: Q30

Tape Position: 169-170

Codes: -8 Doesn't Know County  
-3 Blank, see note.

NOTE: Optical scanning process could not distinguish between questionnaires on which the County was written in and those which were left blank by the respondent. A code of -3, therefore, simply indicates that the respondent did not mark the "Don't Know" category. This item could be used in a manual verification of Zip Codes (Q30) or as a method of filling in missing values of Q30.

31 Which of these best describes the place you live now?

Mark One

In a rural or farming community..... 1  
In a small city or town (less  
than 50,000 people) that is not  
a suburb of a larger place..... 2  
In a medium sized city (50,000 to  
100,000 people) or its suburbs..... 3  
In a large city (over 100,000 people)  
or its suburbs..... 4  
I Don't know.....-8

Variable Name: Q31

Tape Position: 171-172

Codes: 01-04 As Above  
-8 Don't Know  
-1 Missing or Uncodable

32 Who were you living with when you were 14 years old?

EXAMPLE: If you lived with your mother and stepfather,  
mark 1 and 4.

Mark All That Apply

My own mother..... 1  
My own father..... 1  
My stepmother..... 1  
My stepfather..... 1  
Grandparent(s)..... 1  
Other adult male relative..... 1  
Other adult female relative..... 1  
Persons not related to me..... 1

Variable Name:

Tape Position:

Q32A	Mother	173-174
Q32B	Father	175-176
Q32C	Stepmother	177-178
Q32D	Stepfather	179-180
Q32E	Grandparent(s)	181-182
Q32F	Other Male Relative(s)	183-184
Q32G	Other Female Relative(s)	185-186
Q32H	Persons Not Related	187-188

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

33 Who are you living with now?

Mark All That Apply

My own mother..... 1  
 My own father..... 1  
 My stepmother..... 1  
 My stepfather..... 1  
 Grandparent(s)..... 1  
 Other relative..... 1  
 My spouse..... 1  
 My inlaws..... 1  
 Person(s) not related to me..... 1  
 By myself..... 1

Variable Name:

Flag: F33A

Tape Position:

Q33A	Mother	189-190
Q33B	Father	191-192
Q33C	Stepmother	193-194
Q33D	Stepfather	195-196
Q33E	Grandparent(s)	197-198
Q33F	Other Relatives	199-200
Q33G	Spouse	201-202
Q33H	Inlaws	203-204
Q33I	Not Related	205-206
Q33J	Myself	207-208

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

34 When did you last live with your parents, guardians or other relatives?  
(MARK MONTH AND YEAR BELOW)

I live with them now..... 1

MONTH	YEAR
January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September..... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970... 69
December..... 12	

Variable Name: Q34 (Live with Parents Now)      Flag: 34      Tape Position: 209-210

Codes: 01 Live with parents Now  
00 Does Not Live with Parents  
-1 Missing or Uncodable

Note: R was coded as not living with parents, i.e., Q34 = 00, if valid codes were entered in Q34B and "Bubble" next to "I live with them now" (Q34) was blank.

Variable Name: Q34A (Month)      Tape Position: 211-212

Codes: 01-12 Month  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Q34 = 01

Variable Name: Q34B (Year)      Tape Position: 213-214

Codes: 79-70 Year  
-69 Before 1970  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Q34 = 01

Note: If more than one year marked, lowest number selected.  
If lowest selected XV8=1, tape position 601.

35 Which of these describes how you pay for rent (or room and board)?  
(Mark one)

- I don't pay rent at all..... 1
- I pay rent (or room and board) to  
the relatives I live with..... 2
- I share the rent with my roommates... 3
- I pay all the rent on the place I  
live..... 4

Variable Name: Q35

Tape Position: 215-216

Codes: 01-04 As above  
-1 Missing or Uncodable

36 Below are groups people sometimes belong to. Mark the sentence that tells what you have done in each group in the past year.

A. School sports teams

I have been a leader or officer..... 1  
 I have been a member but not a leader.. 2  
 I have not been in this kind of group.. 3

B. Sports Teams Outside of School

I have been a leader or officer..... 1  
 I have been a member but not a leader.. 2  
 I have not been in this kind of group.. 3

C. Social Clubs

I have been a leader or officer..... 1  
 I have been a member but not a leader.. 2  
 I have not been in this kind of group.. 3

D. Other Kinds of Clubs

I have been a leader or officer..... 1  
 I have been a member but not a leader.. 2  
 I have not been in this kind of group.. 3

Variable Name:

Tape Position:

Q36A	School sports team: status	217-218
Q36B	Outside sports team: status	219-220
Q36C	Social clubs: status	221-222
Q36D	Other clubs: status	223-224

Codes: 01 Leader or officer  
 02 Member, not leader  
 03 Not member of kind of group  
 -1 Missing or Uncodable

37 Please think about your two closest friends. Answer the questions below for each friend.

FRIEND NO. 1	FRIEND NO. 2
Is this friend male or female?	Is this friend male or female?
Male..... 1	Male..... 1
Female.... 2	Female.... 2
What will this friend be doing most of the time for the next 12 months? (Mark one)	What will this friend be doing most of the time for the next 12 months? (Mark one)
Entering military service... 1	Entering military service... 1
Working full time..... 2	Working full time..... 2
Going to a vocational, technical or trade school..... 3	Going to a vocational, technical or trade school..... 3
Going to college..... 4	Going to college..... 4
Being a full-time homemaker. 5	Being a full-time homemaker. 5
Doing something else..... 6	Doing something else..... 6
I don't know.....-8	I don't know.....-8

Variable Name:

Tape Position:

Q37A1 Friend No. 1 Sex

225-226

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

Variable Name:

Tape Position:

Q37A2 Friend No. 1 Activities next 12 months

227-228

Codes: 01-06 As Above  
-8 Don't Know  
-1 Missing or Uncodable

Variable Name:

Tape Position:

Q37B1 Friend No. 2 Sex

229-230

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

Variable Name:

Tape Position:

Q37B2 Friend No. 2 Activities next 12 months

231-232

Codes: 01-06 As Above  
-8 Don't Know  
-1 Missing or Uncodable

38 Has your father (or male guardian) ever served on active duty in the military?

Yes..... 1  
 No..... 0  
 I Don't Know...-8

Variable Name: Q38

Tape Position: 233-234

Codes: 01 Yes  
 00 No  
 -8 I Don't Know  
 -1 Missing or Uncodable

39 QUESTIONS A AND B ARE ABOUT THE JOB YOUR FATHER (OR MALE GUARDIAN) HAS NOW OR HAD WHEN HE LAST WORKED.

A. What kind of work does (or did) he do; that is, what is his job called (for example: carpenter, policeman, machinist, store manager, high school teacher)? Write in the name of his job in the space below.

Does not apply to me...(Go to Q.40).... -7

I don't know..... -8

\_\_\_\_\_  
 \_\_\_\_\_  
 FATHER OR MALE GUARDIAN'S JOB

Variable Name: Q39A

Tape Position: 235-237

Code: -7 Does Not Apply  
 -8 Don't Know  
 Blank Father's Occupation

NOTE: ALL RESPONDENTS DID NOT ANSWER QUESTION 39B. SEE QUESTION 39A FOR SKIP INSTRUCTIONS.

- B. What kind of place does (or did) he work for (for example: construction company, city government, shoe factory, department store)? Write the kind of place in the space below. Do not write the name of the company.

I don't know..... -8

KIND OF PLACE OF EMPLOYMENT

Variable Name: Q39B

Tape Position: 238-240

Code: -8 Don't Know  
Blank Father's Industry

40 THE NEXT QUESTIONS ARE ABOUT THE JOB YOUR MOTHER (OR FEMALE GUARDIAN) HAS NOW OR THE LAST JOB SHE HAS HAD IN THE PAST 5 YEARS.

- A. What kind of work does (or did) she do; that is, what is her job called (for example: secretary, bank teller, teacher's aide). Write in the name of her job in the space below.

Does not apply to me...(Go to Q.41.... -7

I don't know..... -8

MOTHER OR FEMALE GUARDIAN'S JOB

Variable Name: Q40A

Tape Position: 241-243

Code: -7 Does Not Apply  
-8 Don't Know  
Blank Mother's Job

NOTE: ALL RESPONDENTS DID NOT ANSWER QUESTION 40B. SEE QUESTION 40A FOR SKIP INSTRUCTIONS.

B. What kind of place does (or did) she work for (for example: bank, city government, shoe factory, department store)?  
Write the kind of place in the space below. Do not write the name of the company.

I don't know..... -8

KIND OF PLACE OF EMPLOYMENT

Variable Name: Q40B

Tape Position: 244-246

Code: -8 Don't Know  
Blank Mother's Industry

41 What would you say is the total yearly income of your parents or guardians and all family members who live with them, before taxes and other deductions? DO NOT INCLUDE YOUR INCOME.

Give your best estimate. Mark only one answer.

Mark One

Less than \$2,599 a year (less than \$50 a week).....	1
\$2,600 - \$5,199 a year (about \$50 - \$99 a week).....	2
\$5,200 - \$7,799 a year (about \$100 - \$149 a week).....	3
\$7,800 - \$10,399 a year (about \$150 - \$199 a week).....	4
\$10,400 - \$12,999 a year (about \$200 - \$249 a week).....	5
\$13,000 - \$15,599 a year (about \$250 - \$299 a week).....	6
\$15,600 - \$18,199 a year (about \$300 - \$349 a week).....	7
\$18,200 - \$20,799 a year (about \$350 - \$399 a week).....	8
\$20,800 - \$25,999 a year (about \$400 - \$499 a week).....	9
\$26,000 - \$31,199 a year (about \$500 - \$599 a week).....	10
\$32,000 or more a year (about \$600 a week or more).....	11

Variable Name: Q41

Tape Position: 247-248

Codes: 01-11 As Above  
-1 Missing or Uncodable

Note: If more than one income marked, highest income selected  
If highest selected, XV9 = 1, tape position 602.

42 Is any of the income in Q41 from public assistance or welfare?

Yes..... 1

No..... 00

Variable Name: Q42

Tape Position: 249-250

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

43 Altogether, how many brothers and sisters do you have? (Include any stepbrothers and stepsisters).

None...(Go to Q.45A)..... 0

1..... 1

2..... 2

3..... 3

4..... 4

5..... 5

6..... 6

7..... 7

8..... 8

9 or more..... 9

Variable Name: Q43

Tape Position: 251-252

Codes: 00 No Siblings  
01-08 1-8 Siblings  
09 Nine or More Siblings  
-1 Missing or Uncodable

44 How many of your brothers and sisters have ever served or are now serving on active duty in the military? (Remember to include stepbrothers and stepsisters).

None.....	0
1.....	1
2.....	2
3.....	3
4.....	4
5.....	5
6.....	6
7.....	7
8.....	8
9 or more.....	9

Variable Name: Q44

Tape Position: 253-254

Codes:	00	None
	01-08	1-8 Siblings
	09	Nine or more
	-1	Missing or Uncodable
	-3	Not Applicable, i.e., no siblings

### III. YOUR EDUCATION

45A Are you now enrolled in regular school, that is, high school or college?

Yes, I attend full time..... 1 (GO TO Q.46)  
 Yes, I attend part time..... 2 (GO TO Q.46)  
 No..... 0 (ANSWER B AND C)

Variable Name: Q45A

Tape Position: 255-256

Codes: 01 Yes, Full Time  
 02 Yes, Part Time  
 00 No  
 -1 Missing or Uncodable

NOTE: QUESTIONS 45B1, 45B2 AND QUESTION 45C WERE NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 45A FOR SKIP INSTRUCTIONS.

B When did you last attend regular school?

MONTH	YEAR
January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September..... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970... 69
December..... 12	

Variable Name: Q45B1 (Month)

Tape Position: 257-258

Codes: 01-12 January-December  
 -1 Missing or Uncodable  
 -2 Not Applicable, i.e. in school

Variable Name: Q45B2 (Year)

Tape Position: 259-260

Codes: 79-70 Year, 1979-70  
 69 Before 1970  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., in school

Note: If more than one year marked, lowest year selected.  
 If lowest year selected, XV10=1, tape position 603.

C Were you attending school full time or part time?

Mark one

Full time..... 1

Part time..... 2

Variable Name: Q45C

Tape Position: 261-262

Codes: 01 Full Time  
 02 Part Time  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., in school

46 AS OF TODAY, what is the highest grade or year of regular school  
 you have COMPLETED? (If you have a GED, mark the last grade  
 you completed in regular school.) (MARK ONE BELOW.)

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE CREDIT: 1 2 3 4 5 6 7 8 or more

Variable Name: Q46

Flag: 46

Tape Position: 263-264

Codes: 01-08 Elementary  
 09-12 High School  
 13-20 College Credit (1-8 years)  
 -1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
 If highest grade selected, XV11 = 1, tape position 604.

47 WHEN YOU ENTER ACTIVE DUTY, what will be the highest grade or year of regular school you will have COMPLETED? (If you will have a GED, mark the last grade you will have completed in regular school.)  
Mark One Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q47

Flag: F47

Tape Position: 265-266

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College Credit (1-8 Years)  
-1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
If highest grade selected, XV12=1, tape position 605.

48 WHEN I ENTER ACTIVE DUTY, the highest diploma I will have is:

Mark One

A GED certificate.....1  
A high school diploma.....2  
Associate degree (A.A.) from a  
junior college.....3  
B.A. or B.S. degree.....4  
None of the above.....5

Variable Name: Q48

Tape Position: 267-268

Codes: 01-05 As Above  
-1 Missing or Uncodable

NOTE: If more than one item marked, highest degree selected.  
If highest selected, XV13=1, tape position 606.

49A Does (did) your high school have a special test that you must pass in order to get a high school diploma?

Yes.....1 (ANSWER B)  
 No.....0 (GO TO Q.50)  
 I Don't Know.....-8 (GO TO Q.50)

Variable Name: Q49A

Tape Position: 269-270

Codes: 01 Yes  
 00 No  
 -8 I Don't Know  
 -1 Missing or Uncodable

B Did you pass this special test?

Yes..... 1  
 No..... 0  
 I haven't taken it yet..... 2  
 I haven't been told if  
 I passed..... 3

NOTE: QUESTION 49B WAS NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 49A FOR SKIP INSTRUCTIONS.

Variable Name: Q49B

Tape Position: 271-272

Codes: 01 Yes  
 00 No  
 02 Haven't Taken  
 03 Not Told If Passed  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., no special test, or Don't Know, (Q49A).

50 How would you describe the grades you make now (or were making when you were last in school)?

Mark One

Mostly A.....1  
 About half A and half B.....2  
 Mostly B.....3  
 About half B and half C.....4  
 Mostly C.....5  
 About half C and half D.....6  
 Mostly D.....7  
 Mostly below D.....8

Variable Name: Q50

Tape Position: 273-274

Codes: 01-08 As Above  
 -1 Missing or Uncodable

51A NOT INCLUDING YOUR HIGH SCHOOL, have you ever attended a vocational technical or business school?

No.....0 (GO TO Q.52)  
 Yes.....1 (ANSWER B)

Variable Name: Q51A

Tape Position: 275-276

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

NOTE: QUESTION 51B WAS NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 51A FOR SKIP INSTRUCTIONS.

B Did you complete your course?

Yes.....1  
 No.....0

Variable Name: Q51B

Tape Position: 277-278

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e. has not attended voc. tech. bus. school

52 In the past year, were you accepted to any vocational, technical or business schools?

Mark One

I did not apply to any vocational  
technical or business schools.... 1  
I was accepted at one or more  
schools..... 2  
I applied but was not accepted..... 3  
I applied but have not heard yet... 4

Variable Name: Q52

Tape Position: 279-280

Codes: 01-04 As Above  
-1 Missing or Uncodable

53 Some colleges require that you take certain tests when you apply for admission. Which of these College Board tests have you taken? Mark all that apply.

I took a test called the SAT..... 1  
I took a test called the ACT..... 1  
I did not take either of these  
tests..... 1  
I'm not sure if I took these tests. 1

Variable Name:

Tape Position:

Q53A SAT	281-282
Q53B ACT	283-284
Q53C Did not take SAT or ACT	285-286
Q53D Not sure if took SAT or ACT	287-288

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

54 In the past year, have you been accepted to attend any colleges or universities?

Mark One

I did not apply to any colleges  
or universities..... 1  
I was accepted at one or more  
schools..... 2  
I applied but was not accepted..... 3  
I applied but have not heard yet... 4

Variable Name: Q54

Tape Position: 289-290

Codes: 01-04 As Above  
-1 Missing or Uncodable

55 What is the main reason you decided to enter the military instead of going to a school?

Mark One

I couldn't get into the school(s)  
I wanted..... 1  
I could get the same or better  
training in the military..... 2  
I couldn't afford tuition..... 3  
I can't support myself and go to  
school at the same time..... 4  
Other reason..... 5

Variable Name: Q55

Tape Position: 291-292

Codes: 01-05 As Above  
-1 Missing or Uncodable

56 Today you were told about an educational benefit known as the Veteran's Educational Assistance Program (VEAP).

If you decide to participate, you must contribute at least \$50 a month from your military pay to an educational fund. The Veteran's Administration then adds \$2 for every \$1 you contribute. You can use the money for your education after you finish your first term of service.

A Do you plan to participate in VEAP?

Mark One

Yes..... 1

No..... 0

Don't know....-8

Variable Name: Q56

Tape Position: 293-294

Codes: 01 Yes  
00 No  
-8 Don't Know  
-1 Missing or Uncodable

57A Did you sign up for a job that pays an EXTRA VEAP EDUCATION BONUS at the end of your first enlistment?

No.....0 (GO TO Q. 58)

Yes.....1 (ANSWER B AND C)

Variable Name: Q57A

Tape Position: 295-296

Codes: 00 No  
01 Yes  
-1 Missing or Uncodable

NOTE: QUESTIONS 57B AND 57C WERE NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 57A FOR SKIP INSTRUCTIONS.

B How much will your educational bonus be?

\$1,000.....	0
\$2,000.....	0
\$3,000.....	0
\$4,000.....	0
\$5,000.....	0
\$6,000.....	0

Variable Name: Q57B

Tape Position: 297-300

Codes: 1000-6000	As Above, Bonus Amounts
-1	Missing or Uncodable
-3	Not Applicable, i.e., No Extra VEAP Bonus

C Suppose the job you signed up for did not pay an extra VEAP education bonus. What would you have done?

Signed up for the <u>same</u>	
<u>job</u> anyway.....	1
Signed up for a <u>different</u>	
<u>job</u> in my service.....	2
Tried to join a <u>different</u>	
<u>service</u> .....	3
Not enlisted at all.....	4

Variable Name: Q57C

Tape Position: 301-302

Codes: 01-04	As Above
-1	Missing or Uncodable
-3	Not Applicable, i.e., No Extra VEAP Bonus

58 What is the highest grade or year of regular school you think you will ever complete in the future? (If your highest grade will be a GED certificate, mark 12.)  
Mark One Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8 or more

Variable Name: Q58

Flag: F58

Tape Position: 303-304

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College (1-8 Years Credit)  
-1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
If highest grade selected, XV14=1, tape position 607.

IV. MARRIAGE AND CHILDREN

NOTE: QUESTIONS IN THIS SECTION ARE NOT ANSWERED BY ALL RESPONDENTS, DEPENDING ON THE RESPONSE TO QUESTION 59A (MARITAL STATUS):

-- IF MARRIED, Respondent should have answered Question 59A, 60, 61A, 61B, 62.

-- IF MARRIED AND SPOUSE IN MILITARY, Respondent should have answered questions 59A, 60, 61A, 62

-- IF NOT MARRIED, Respondent should have answered Questions 59A, 59B, 62.

59A I am now:

Mark One

Married.....1 (GO TO Q.60)  
Single, never married.....2 (ANSWER B)  
Separated.....3 (ANSWER B)  
Divorced.....4 (ANSWER B)  
Widowed.....5 (ANSWER B)

Variable Name: Q59A

Flag: F59A

Tape Position: 305-306

Codes: 01-05 As Above

-1 Missing or Uncodable

B Are you now dating someone regularly, going steady, or engaged to be married?

Yes.....1  
No.....0

\*\*\* IF YOU ARE NOT MARRIED NOW, SKIP TO Q.62 \*\*\*

Variable Name: Q59B

Flag: F59B

Tape Position: 307-308

Codes: 01 Yes

00 No

-1 Missing or Uncodable

-3 Not Applicable, i.e., Married

60 How long have you been married to your current spouse?

Mark One

Less than 6 months.....1  
 6 months to 1 year.....2  
 More than 1 year, but  
   less than 2.....3  
 More than 2 years, but  
   less than 3.....4  
 Three years or more.....5

Variable Name: Q60

Tape Position: 309-310

Codes: 01-05 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Not Married

61A Is your spouse now on active duty in the military?

Yes.....1 (GO TO Q.62)  
 No.....0 (ANSWER B)

Variable Name: Q61A

Tape Position: 311-312

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Not Married

B Does your spouse plan to enlist in the military in the next 12 months?

Yes.....1  
No.....0

Variable Name: Q61B

Tape Position: 313-314

Codes: 01 Planning  
00 Not Planning  
02 Spouse in Military  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Not Married

Note: Code 02, spouse in military was assigned if R is married, marked Q61A=01 and left Q61B blank. Code -3 "Not Applicable" was assigned if R is not married (Q59A=02-05) and Q61B = Blank.

62 How many children do you have now? Mark Number Below.

None 1 2 3 4 5 or more

Variable Name: Q62

Tape Position: 315-316

Codes: 00-04 0-4 Children  
05 5 or More Children  
-1 Missing or Uncodable

V. WORKING AND JOBS

63 Since you were 16 years old, have you ever had a full time or part time job?

Yes.....1 (ANSWER Q. 64-75)

No.....0 (GO TO Q. 76)

Variable Name: Q63

Tape Position: 317-318

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

NOTE: QUESTIONS 64-75 WERE NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 63 FOR SKIP INSTRUCTIONS. RESPONDENTS WHO NEVER HAD A FULL- OR PART-TIME JOB DID NOT ANSWER THESE QUESTIONS.

64 Since you were 16 years old, have you had a job where you worked 30 HOURS PER WEEK OR MORE?

Yes.....1

No.....0

Variable Name: Q64

Flag: F64

Tape Position: 319-320

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable

Note: Code -3, "Not Applicable" in Q64, 65, 68-75 indicates that R did not have a full or part time job since age 16.

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RAND CORP SANTA MONICA CA

F/G 5/2

1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE: WAVE 2 --ETC(U)

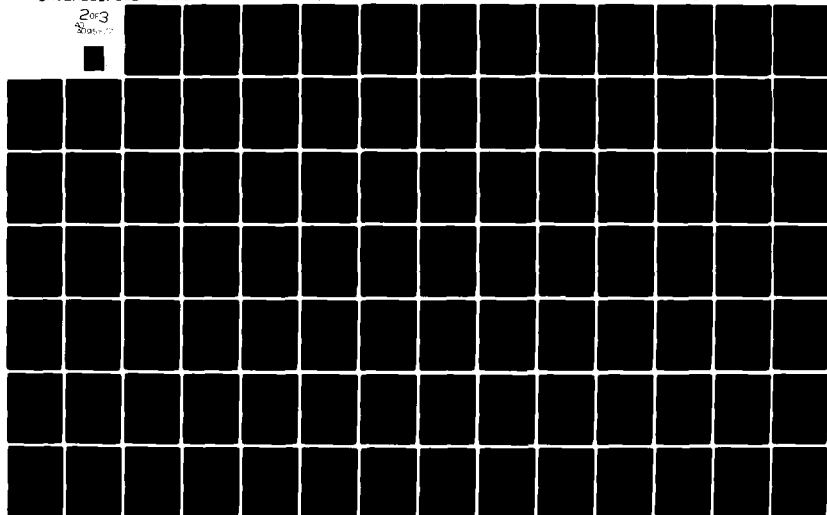
DEC 80 Z D DOERING, D W GRISSMER, J S MORSE

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NL

2 of 3  
3000-107



QUESTIONS 65 - 71 ARE ABOUT THE JOB YOU HAVE NOW OR THE JOB YOU HAD THE LAST TIME YOU WORKED.

65 When did you start working at this job?

MONTH		YEAR	
January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September.....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q65A (Month)      Flag: F65A      Tape Position: 321-322

Codes: 01-12 January-December  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., never worked

Variable Name: Q65B (Year)      Flag: F65A      Tape Position: 323-324

Codes: 79-70 Year, 1979-70  
 69 Before 1970  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., never worked

Note: If more than one year marked, lowest year selected.  
 If lowest year selected, XV15=1, tape position 608.

66 What kind of work do (or did) you do, that is, what is (was) your job called? (For example: stock clerk, electrician's helper, typist, cook, delivery man). Write the name of your job in the space below.

YOUR JOB

Variable Name: Q66

Tape Position: 325-327

Codes: Data Not Coded

- 67 What kind of place do (or did) you work for? (For example: roofing company, grocery store, restaurant, shoe factory). Write the kind of place in the space below. Do not write the name of the company.

KIND OF PLACE OF EMPLOYMENT

Variable Name: Q67

Tape Position: 328-330

Codes: Data Not Coded

- 68 The jobs people have can be divided into different groups. In which group would you put your civilian job?

Mark One

SALESWORKER. (Examples: retail salesclerk, real estate agent, door-to-door salesman, newspaper carrier)..... 1  
OFFICE AND CLERICAL WORKER. (Examples: shipping clerk, mail carrier, secretary, typist, keypunch operator, cashier)..... 2  
SERVICE WORKER. (Examples: cleaning lady, janitor waitress, nurse's or teacher's aide, dishwasher). 3  
TRADES OR CRAFTS WORKER. (Examples: mechanic or repairman, baker, plumber, carpenter, painter)..... 4  
MACHINE OR TRANSPORTATION OPERATOR. (Examples: assembly line worker, cab, bus, or truck driver, meat cutter)..... 5  
LABORER, EXCEPT ON A FARM. (Examples: construction laborer, gardener, truck loader, warehouse man).. 6  
FARM LABORER...... 7  
PROFESSIONAL. (Examples: doctor, teacher, minister, accountant)..... 8  
TECHNICAL. (Examples: draftsman, medical, or lab technician, computer programmer, pilot)..... 9  
MANAGER OR ADMINISTRATOR, EXCEPT ON FARM...... 10  
OWNER OR PROPRIETOR. (Examples: contractor, restaurant owner, small business owner)..... 11  
FARM OR FARM MANAGER...... 12  
 I'm not sure which group my civilian job belongs in..... -8

Variable Name: Q68

Tape Position: 331-332

Codes: 01-12 As Above  
-8 Don't Know  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., never worked

69 How many hours per week do (or did) you usually work at this job?

HOURS PER WEEK

--	--

Variable Name: Q69

Tape Position: 333-334

Codes: 01-80 Number Hours Worked  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., never worked  
-4 Incomplete or Out-of-Range Data Entered by R

70 About how much do (did) you earn per hour at this job ?

dollars cents

\$ 

--	--	--	--

 . 

--	--

 PER HOUR

Variable Name: Q70

Tape Position: 335-338

Codes: 0100-1000 Hourly Earnings, \$01.00-\$10.00  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., never worked  
-4 Incomplete or Out-of-Range Data Entered by R

71 When did this job end?

I work on this job now..... 1

MONTH		YEAR	
January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September.....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q71

Tape Position: 339-340

Codes: 01 Working Now  
 00 Job Ended, date provided.  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., never worked

Note: A code of 00 "Job Ended" was assigned if R indicated that s/he had worked (Q63 = 01), left Q71 = blank and either provided data in Q71A and Q71B or just in Q71B.

Variable Name: Q71A (Month)

Flag: F71A

Tape Position: 341-342

Codes: 01-12 January-December  
 13 Working Now  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., never worked

Note: Code 13, "Working Now", was assigned to individuals who have had a full or part time job (Q63=01), marked the "bubble" next to "I work at this job now", (Q71 - 01) and who left Q71A blank. Code -3 "Not Applicable" means that R did not have a full or part time job since age 16 (Q63=00) and left Q71A blank.

Variable Name: Q71B (Year)      Flag: F71A      Tape Position: 343-344

Codes: 79-70 Year, 1979-70  
69 Before 1970  
13 Working Now  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., never worked

Note: If more than one year marked, lowest year selected.  
If lowest year selected, XV16=1, tape position 609.  
Also see note for Q71A.

72 Since you were 16 years old, how many different employers have  
you worked for?

1..... 1  
2..... 2  
3..... 3  
4..... 4  
5 or more..... 5

Variable Name: Q72

Tape Position: 345-346

Codes: 01-05 As Above  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., never worked

73A Here are some reasons an employer decides to ask someone to leave a job. Since you were 16 years old, which of these has ever happened to you? Mark all that apply.

AN EMPLOYER ASKED ME TO LEAVE A JOB BECAUSE:

I got sick or injured..... 1  
 My co-workers and I didn't get along..... 1  
 I was laid off..... 1  
 My supervisor and I didn't get along..... 1  
 I couldn't work the hours that were  
 needed on the job..... 1  
 An employer asked me to leave for other  
 reasons..... 1  
 An employer has never asked me to leave  
 a job..... 1

Variable Name:

Tape Position:

Q73A1	Fired: Sick or injured	347-348
Q73A2	Fired: Co-workers	349-350
Q73A3	Fired: Laid Off	351-352
Q73A4	Fired: Supervisor	353-354
Q73A5	Fired: Hours	355-356
Q73A6	Fired: Other Reasons	357-358
Q73A7	Fired: Never Fired	359-360

Codes: 01 Yes  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., never worked  
 00 Not Marked

Note: See note Q53A-Q53D.

73B Since you were 16 years old, how many times have you left a job because an employer asked you to leave?

Never..... 0  
 One time..... 1  
 Two times..... 2  
 Three times or more... 3

Variable Name: Q73B

Tape Position: 361-362

Codes: 00 Never  
 01 Once  
 02 Twice  
 03 Three or more times  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., never worked

74 Below are some reasons people decide to leave a job. Since you were 16 years old, have you ever left a job for any of these reasons? Mark all that apply.

I DECIDED TO LEAVE A JOB BECAUSE:

I got sick or injured..... 1  
 The pay was not good..... 1  
 My co-workers and I didn't get along..... 1  
 I moved to another location..... 1  
 My supervisor and I didn't get along..... 1  
 I got married..... 1  
 There was no chance to get ahead..... 1  
 The work was too hard..... 1  
 I've never left a job for any of these  
 reasons..... 1

Variable Name:

Tape Position:

Q74A	Left Job: Sick	363-364
Q74B	Left Job: Bad Pay	365-366
Q74C	Left Job: Co-Workers	367-368
Q74D	Left Job: Moved	369-370
Q74E	Left Job: Supervisor	371-372
Q74F	Left Job: Married	373-374
Q74G	Left Job: No Chance Advancement	375-376
Q74H	Left Job: Work Too Hard	377-378
Q74I	Never Left Job Above Reasons	379-380

Codes: 01 Yes  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., never worked  
 00 Not Marked

75 Have you ever received Unemployment Compensation?

Yes.....1

No.....0

Variable Name: Q75

Tape Position: 381-382

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., never worked

76 The next question is about things you did from MARCH 1978 to AUGUST 1979.

MARK WHAT YOU DID MOST OF THE TIME EACH MONTH. MARK ONE THING FOR EACH MONTH.

	I Worked Full Time	I Worked Part Time	I was Unemployed, Looking For Work	I did None Of These
March 1978.....	( 1).....	( 2).....	( 3).....	( 4)
April 1978.....	( 1).....	( 2).....	( 3).....	( 4)
May 1978.....	( 1).....	( 2).....	( 3).....	( 4)
June 1978.....	( 1).....	( 2).....	( 3).....	( 4)
July 1978.....	( 1).....	( 2).....	( 3).....	( 4)
August 1978.....	( 1).....	( 2).....	( 3).....	( 4)
September 1978.....	( 1).....	( 2).....	( 3).....	( 4)
October 1978.....	( 1).....	( 2).....	( 3).....	( 4)
November 1978.....	( 1).....	( 2).....	( 3).....	( 4)
December 1978.....	( 1).....	( 2).....	( 3).....	( 4)
January 1979.....	( 1).....	( 2).....	( 3).....	( 4)
February 1979.....	( 1).....	( 2).....	( 3).....	( 4)
March 1979.....	( 1).....	( 2).....	( 3).....	( 4)
April 1979.....	( 1).....	( 2).....	( 3).....	( 4)
May 1979.....	( 1).....	( 2).....	( 3).....	( 4)
June 1979.....	( 1).....	( 2).....	( 3).....	( 4)
July 1979.....	( 1).....	( 2).....	( 3).....	( 4)
August 1979.....	( 1).....	( 2).....	( 3).....	( 4)

PLEASE CHECK: HAVE YOU MARKED ONE ITEM FOR EACH MONTH?

## Variable Names:

Q76A March 1978  
 Q76B April 1978  
 Q76C May 1978  
 Q76D June 1978  
 Q76E July 1978  
 Q76F August 1978  
 Q76G September 1978  
 Q76H October 1978  
 Q76I November 1978  
 Q76J December 1978  
 Q76K January 1979  
 Q76L February 1979  
 Q76M March 1979  
 Q76N April 1979  
 Q76O May 1979  
 Q76P June 1979  
 Q76Q July 1979  
 Q76R August 1979

Flag: 76A

## Tape Positions:

383-384  
 385-386  
 387-388  
 389-390  
 391-392  
 393-394  
 395-396  
 397-398  
 399-400  
 401-402  
 403-404  
 405-406  
 407-408  
 409-410  
 411-412  
 413-414  
 415-416  
 417-418

Codes: 01 Worked Full Time  
 02 Worked Part Time  
 03 Unemployed  
 04 None of These  
 -1 Missing or Uncodable

77 During the time from March 1978 to present have you ever had any of the following jobs? Mark YES or NO for each one.

	NO	YES
A. A job that was part of a program called <u>CETA</u> .....	0	1
B. A job that was part of a program called <u>Neighborhood Youth Corps</u> .....	0	1
C. A job that was part of another government-sponsored program.....	0	1

## Variable Names:

Q77A CETA employee  
 Q77B Neighborhood Youth Corp Employee  
 Q77C Other Gov't. Program Employee

## Tape Positions:

419-420  
 421-422  
 423-424

Codes: 00 No  
 01 Yes  
 -1 Missing or Uncodable

78 If you were not going into the military, how easy or difficult would it be for you to get a full time job in the area where you now live?

Mark One

Not difficult at all.....1  
Somewhat Difficult.....2  
Very Difficult.....3  
Almost Impossible.....4  
Don't Know.....-8

Variable Name: Q78

Tape Position: 425-426

Codes: 01-04 As Above  
-8 Don't Know  
-1 Missing or Uncodable

VI. YOUR INCOME AND EXPENSES

- 79 In 1978 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

\$0.....0  
 \$1 - \$599.....1  
 \$600 - \$1199.....2  
 \$1200 - \$1999.....3  
 \$2000 - \$3999.....4  
 \$4000 - \$5999.....5  
 \$6000 - \$7999.....6  
 \$8000 - \$9999.....7  
 \$10,000 or more.....8

Variable Name: Q79

Tape Position: 427-428

Codes: 01-08 As Above  
 -1 Missing or Uncodable

- 80 In 1977 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

\$0.....0  
 \$1 - \$599.....1  
 \$600 - \$1199.....2  
 \$1200 - \$1999.....3  
 \$2000 - \$3999.....4  
 \$4000 - \$5999.....5  
 \$6000 - \$7999.....6  
 \$8000 - \$9999.....7  
 \$10,000 or more.....8

Variable Name: Q80

Tape Position: 429-430

Codes: 00-08 As Above  
 -1 Missing or Uncodable

- 81 In 1976 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

\$0.....0  
 \$1 - \$599.....1  
 \$600 - \$1199.....2  
 \$1200 - \$1999.....3  
 \$2000 - \$3999.....4  
 \$4000 - \$5999.....5  
 \$6000 - \$7999.....6  
 \$8000 - \$9999.....7  
 \$10,000 or more.....8

Variable Name: Q81

Tape Position: 431-432

Codes: 00-08 As Above  
 -1 Missing or Uncodable

- 82 Not including rent or room and board, how much of your living expenses (clothes, entertainment, tuition, etc.) do you pay for yourself?

Mark One

I pay for all of my expenses.....1  
 I pay for more than half.....2  
 I pay for about half.....3  
 I pay for less than half.....4  
 I don't pay for any of my expenses.....5

Variable Name: Q82

Tape Position: 433-434

Codes: 01-05 As Above  
 -1 Missing or Uncodable

83 If you were not eligible to enlist in any service, what kinds of things do you think you would be doing in the next twelve months?

Mark All that Apply

Working full time.....1  
 Working part time.....1  
 Looking for work.....1  
 Going to school  
   full time.....1  
 Going to school  
   part time.....1  
 Taking a break,  
   traveling, etc.....1  
 Getting married.....1  
 Being a full time  
   homemaker.....1

Variable Names:

Tape Positions:

Q83A	Working Full Time	435-436
Q83B	Working Part Time	437-438
Q83C	Looking For Work	439-440
Q83D	School Full Time	441-442
Q83E	School Part Time	443-444
Q83F	Break, Traveling, etc.	445-446
Q83G	Getting Married	447-448
Q83H	Homemaker	449-450

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: Code 00, "Not Marked" in Q83A-Q83H means that the activity in question was not marked but that R marked another activity in the series. Code -1, "Missing", means that R did not mark any activity in the series.

84 If you were not entering the military, how much do you think you would earn in the next year (before taxes)?

Less than \$1,200 a year (about \$99 a month or less).....1  
 \$1,200 - \$2,399 a year (about \$100 - \$199 a month).....2  
 \$2,400 - \$3,599 a year (about \$200 - \$299 a month).....3  
 \$3,600 - \$4,799 a year (about \$300 - \$399 a month).....4  
 \$4,800 - \$5,999 a year (about \$400 - \$499 a month).....5  
 \$6,000 - \$7,199 a year (about \$500 - \$599 a month).....6  
 \$7,200 - \$8,399 a year (about \$600 - \$699 a month).....7  
 \$8,400 - \$9,599 a year (about \$700 - \$799 a month).....8  
 \$9,600 - \$12,000 a year (about \$800 - \$999 a month).....9  
 \$12,000 or more a year (about \$1,000 a month or more)...10

Variable Name: Q84

Tape Position: 451-452

Codes: 01-10 As Above  
 -1 Missing or Uncodable

85 Suppose you had been offered a steady full time civilian job which paid \$500 per month (before taxes) and began at the time you will be shipping out. What would you have done?

I would have joined the military  
 anyway.....1

I would have taken the  
 civilian job.....0

Variable Name: Q85

Tape Position: 453-454

Codes: 01 Joined Military  
 00 Taken Civilian Job  
 -1 Missing or Uncodable

86 Suppose you have been offered a steady full-time civilian job which paid \$700 per month (before taxes) and began at the same time you will ship out. What would you have done?

I would have joined the military  
anyway.....1

I would have taken the  
civilian job.....0

Variable Name: Q86

Tape Position: 455-456

Codes: 01 Joined Military  
00 Civilian Job  
-1 Missing or Uncodable

VII. YOUR DECISION TO ENLIST

87 The next questions are about some of the things you did before you decided to enlist.

I mailed a post-card or called a toll-free number to get information about: Mark all that apply.

None of the services.....1  
 Army.....1  
 Navy.....1  
 Air Force.....1  
 Marines.....1

Variable Names:

Tape Positions:

Q87A	None of Services	457-458
Q87B	Army	459-460
Q87C	Navy	461-462
Q87D	Air Force	463-464
Q87E	Marines	465-466

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

88 I talked to recruiters from: (Mark All That Apply)

Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

Flag: F88A

Tape Positions:

Q88A	Saw Army Recruiter	467-468
Q88B	Saw Navy Recruiter	469-470
Q88C	Saw Air Force Recruiter	471-472
Q88D	Saw Marines Recruiter	473-474

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: See note Q87.

89 I was told I was not eligible to enlist in: (Mark all that apply)

None of the services.....1  
Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

Tape Positions:

Q89A	Ineligible: None	475-476
Q89B	Ineligible: Army	477-478
Q89C	Ineligible: Navy	479-480
Q89D	Ineligible: Air Force	481-482
Q89E	Ineligible: Marines	483-484

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: See note, Q87A-Q87E.

90 The FIRST recruiter I talked to was from the:

Mark One

Army..... 1  
Navy..... 2  
Air Force..... 3  
Marines..... 4

Variable Name: Q90A

Tape Position: 485-486

Codes: 01-04 As Above  
-1 Missing or Uncodable

THE QUESTIONS IN THIS COLUMN ARE ABOUT THE FIRST RECRUITER YOU TALKED TO.

91 How did you meet this recruiter?

Mark One

I called or went to the office.....1  
He called or wrote me.....2  
I met him some other way.....3

Variable Name: Q91

Tape Position: 487-488

Codes: 01-03 As Above  
-1 Missing or Uncodable

92 When did you first talk to this recruiter?

MONTH		YEAR	
January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September.....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q92A (Month) Flag: F92A Tape Position: 489-490

Codes: 01-12 January-December  
-1 Missing or Uncodable

Variable Name: Q92B (Year) Flag: F92A Tape Position: 491-492

Codes: 79-70 Year, 1979-1970  
69 Before 1970  
-1 Missing or Uncodable

Note: If more than one year marked, lowest year selected.  
If lowest year selected XV17=1, tape position 610.

93A Did this recruiter tell you to talk to recruiters from OTHER services?

No.....0 (SKIP TO Q. 94)  
Yes.....1 (ANSWER B)

Variable Name: Q93A

Tape Position: 493-494

Codes: 00 No  
01 Yes  
-1 Missing or Uncodable

NOTE: QUESTION 93B WAS NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 93A FOR SKIP INSTRUCTIONS.

93B Which other services did he tell you to talk to? (Mark All That Apply)

Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

Tape Positions:

Q93B1	Referred to Army	495-496
Q93B2	Referred to Navy	497-498
Q93B3	Referred to Air Force	499-500
Q93B4	Referred to Marines	501-502

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., recruiter did not refer

Note: Code 00, "Not Marked" in Q93B1-Q93B4 means that R did not mark the service in the item but did mark another service in the series. Code -3, "Not Applicable", means that no referral was involved, i.e., Q93A=00, Code 01 "Missing" means that a referral was involved, i.e., Q93A=01 but R left these items blank. Also see note Q87.

94 The SECOND recruiter I talked to was from

Mark One

I only talked to  
one recruiter.....-7 (GO TO Q.98)  
Army.....1  
Navy.....2  
Air Force.....3  
Marines.....4

Variable Name: Q94

Tape Position: 503-504

Codes: 01-04 As Above  
-7 Only Saw One Recruiter  
-1 Missing or Uncodable

THE QUESTIONS IN THIS COLUMN ARE ABOUT THE SECOND RECRUITER YOU TALKED TO.

95 How did you meet this recruiter?

Mark One

I called or went to the office..1  
 He called or wrote to me.....2  
 I met him some other way.....3

Variable Name: Q95

Tape Position: 505-506

Codes: 01-03 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., saw only one recruiter

96 When did you first talk to this recruiter?

MONTH	YEAR
January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September..... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970.. 69
December..... 12	

Variable Name: Q96A (Month)

Tape Position: 507-508

Codes: 01-12 January-December  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., saw only one recruiter

Variable Name: Q96B (Year)

Tape Position: 509-510

Codes: 79-70 Year, 1979-1970  
 69 Before 1970  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., saw only one recruiter

Note: If more than one year marked, lowest year selected.  
 If lowest year selected XV18=1, tape position 611.

97A Did this recruiter tell you to talk to recruiters from OTHER services?

No.....0 (GO TO Q.98)

Yes.....1 (ANSWER B)

Variable Name: Q97A

Tape Position: 511-512

Codes: 00 No  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., saw only one recruiter

NOTE: QUESTION 97B IS NOT ANSWERED BY ALL RESPONDENTS, SEE QUESTION 97A FOR SKIP INSTRUCTIONS.

97B Which other services did he tell you to talk to? (Mark All That Apply)

Army.....1

Navy.....1

Air Force.....1

Marines.....1

Variable Names:

Tape Positions:

Q97B1	Referred to Army	513-514
Q97B2	Referred to Navy	515-516
Q97B3	Referred to Air Force	517-518
Q97B4	Referred to Marines	519-520

Codes: 00 Not Marked  
01 Yes  
-7 No referral from second recruiter  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., saw only one recruiter

Note: See note Q93B.

98 Did you ever consider joining the Reserves or National Guard instead of the regular military?

Yes..... 1

No..... 0

Variable Names: 98

Tape Positions: 521-522

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

99 Everyone enlisting in the military must take a three-hour written test called the ASVAB.

Including today, how many times have you taken the ASVAB test?

1 2 3 4 or more

Variable Name: Q99

Tape Position: 523-524

Codes: 01-04 As Above  
-1 Missing or Uncodable

100 When did you make your final decision to enlist in the military?

MONTH		YEAR	
January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September.....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q100A (Month)      Flag: F100A      Tape Position: 525-526

Codes: 01-12    January-December  
          -1      Missing or Uncodable

Variable Name: Q100B (Year)      Flag: F100A      Tape Position: 527-528

Codes: 79-70    Year, 1979-1970  
          69      Before 1970  
          -1      Missing or Uncodable

Note: If more than one year marked, lowest year selected.  
 If lowest year selected, XV19 = 1, tape position 612.

NOTE: QUESTIONS 101B, 102B, 103B, AND 104B WERE NOT ANSWERED BY ALL RESPONDENTS. THESE QUESTIONS WERE SKIPPED AS A FUNCTION OF THE SERVICE THE RESPONDENT IS JOINING:

- If joining ARMY, then 101B is skipped.
- If joining NAVY, then 102B is skipped.
- If joining AIR FORCE then 103B is skipped.
- If joining MARINES then 104B is skipped.

THE NEXT QUESTIONS ARE ABOUT EACH OF THE SERVICES.

101A ARE YOU JOINING THE ARMY?

YES.....1 (GO TO Q.102A)  
NO.....0 (ANSWER B)

Variable Name: Q101A

Flag: F101A Tape Position: 529-530

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

B If only the Army had offered each item listed below, would you have joined the Army instead of the service you joined today? MARK YES OR NO FOR EACH ITEM.

YES,	NO,
I would	I would not
have joined	have joined
<u>the Army</u>	<u>the Army</u>

IF ONLY THE ARMY OFFERED:

\$150 more per month in basic pay	1	2
A two year enlistment contract	1	2
A general enlistment bonus of \$2000	1	2

Variable Names:

Tape Positions:

Q101B1	\$150 More Pay	531-532
Q101B2	2 Year Contract	533-534
Q101B3	\$2000 Enlistment Bonus	535-536

Codes: 01 Yes  
02 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Joining Army

## 102A ARE YOU JOINING THE NAVY?

YES.....1 (GO TO Q.103A)

NO.....0 (ANSWER B)

Variable Name: Q102A

Tape Position: 537-538

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

A. If only the Navy had offered each item listed below, would you have joined the Navy instead of the service you joined today?  
 MARK YES OR NO FOR EACH ITEM

	YES, I would have joined the Navy	NO, I would not have joined the Navy
--	--	---

## IF ONLY THE NAVY OFFERED:

\$150 more per month in basic pay	1	2
A two year enlistment contract	1	2
A guaranteed location for the first 18 months after training	1	2

Variable Names:

Tape Positions:

Q102B1 \$150 More Pay	539-540
Q102B2 2 Year Contract	541-542
Q102B3 Guaranteed Location	543-544

Codes: 01 Yes  
 02 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Joining Navy

103A ARE YOU JOINING THE AIR FORCE?

YES.....1 (GO TO Q.104A)  
NO.....0 (ANSWER B)

Variable Name: Q103A

Tape Position: 545-546

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

A. If only the Air Force had offered each item listed below, would you have joined the Air Force instead of the service you joined today? MARK YES OR NO FOR EACH ITEM.

YES,	NO,
I would	I would not
have joined	have joined
the <u>Air Force</u>	the <u>Air Force</u>

IF ONLY THE AIR FORCE OFFERED:

\$150 more per month in basic pay	1	2
A two year enlistment contract	1	2
A guaranteed location for the first 18 months after training	1	2

Variable Names:

Q103B1 \$150 More Pay  
Q103B2 2 Year Contract  
Q103B4 Guaranteed Location

Tape Positions:

547-548  
549-550  
551-552

Codes: 01 Yes  
02 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Joining Air Force

## 104A ARE YOU JOINING THE MARINES?

YES.....1 (GO TO Q.105A)  
 NO.....0 (ANSWER B)

Variable Name: Q104A

Tape Position: 553-554

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

B. If only the Marines had offered each item listed below, would you have joined the Marines instead of the service you joined today? MARK YES OR NO FOR EACH ITEM.

	YES, I would have joined <u>the Marines</u>	NO, I would not have joined <u>the Marines</u>
--	--	---

## IF ONLY THE MARINES OFFERED:

\$150 more per month in basic pay	1	2
A two year enlistment contract	1	2
A general enlistment bonus of \$2000	1	2

## Variable Names:

## Tape Positions:

Q104B1	\$150 More Pay	555-556
Q104B2	2 Year Contract	557-558
Q104B3	\$2000 Bonus	559-560

Codes: 01 Yes  
 02 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Joining Marines

105 How did each of the people listed below feel about your enlisting in the military?

	Thought It Was A Good Idea	Thought It Was <u>Not</u> A Good Idea	I Didn't Talk To This Person or Does Not Apply To Me
A Father (or male guardian)	1	2	3
B Mother (or female guardian)	1	2	3
C Brothers and Sisters (including stepbrothers and stepsisters)	1	2	3
D Other Relatives	1	2	3
E Friend(s) with military experience	1	2	3
F Friend(s) with no military experience	1	2	3
G Spouse or girlfriend/boyfriend	1	2	3
H High school counselor	1	2	3
I Your teachers	1	2	3

## Variable Names:

## Tape Positions:

Q105A	Father's Feelings	561-562
Q105B	Mother's Feelings	563-564
Q105C	Siblings Feelings	565-566
Q105D	Relative's Feelings	567-568
Q105E	Military Friends Feelings	569-570
Q105F	Non-Military Friends Feelings	571-572
Q105G	Girl Friend/Boy Friend/Spouse Feelings	573-574
Q105H	Counselor's Feelings	575-576
Q105I	Teacher's Feelings	577-578

Codes: 01 Good Idea  
 02 Not Good Idea  
 03 Doesn't Apply/Didn't Talk to Person  
 -1 Missing or Uncodable

106 If you were not able to enlist in the service you joined today, which services would you try to join? MARK ALL THAT APPLY.

Army.....1  
 Navy.....1  
 Air Force.....1  
 Marines.....1  
 I would not try to join  
 another service.....1

Variable Names:	Flag: F106A	Tape Positions:
Q106A	If ineligible would join Army	579-580
Q106B	If ineligible would join Navy	581-582
Q106C	If ineligible would join Air Force	583-584
Q106D	If ineligible would join Marines	585-586
Q106E	If ineligible would not join	587-588

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: See note Q87A-Q87E.

107 Do you think you will reenlist at the end of your first enlistment?

Mark One

Yes, definitely.....1  
 Yes, probably.....2  
 No, probably not.....3  
 No, definitely not.....4

Variable Name: Q107

Tape Position: 589-590

Codes: 01-04 As Above  
 -1 Missing or Uncodable

108 Altogether, how long do you think you will stay on active  
duty in the military?

Mark One

Less than 4 years.....1  
4 - 9 years.....2  
10 - 19 years.....3  
20 years or more.....4

Variable Names: Q108

Tape Position: 591-592

Codes: 01-04 As Above  
-1 Missing or Uncodable

109 How satisfied or dissatisfied do you think you will be with  
military life? Use the line below to record your answer.  
People who expect to be Very Satisfied would circle 7. People  
who think they will be Very Dissatisfied would circle 1.  
Other people may have opinions somewhere between 1 and 7.  
Mark one number on the line below.

VERY  
DISSATISFIED

VERY  
SATISFIED

○ ○ ○ ○ ○ ○ ○  
1 2 3 4 5 6 7

Variable Name: Q109

Tape Position: 593-594

Codes: 01-07 As Above  
-1 Missing or Uncodable

110 What time is it now?

TIME: \_\_\_\_\_

Note: Information not coded, used to calculate XV4.

THANK YOU FOR COMPLETING THIS SURVEY. PLEASE PUT IT IN THE ENVELOPE YOU HAVE BEEN GIVEN AND MARK THE SERVICE YOU ARE ENTERING ON THE FRONT ON THE ENVELOPE.

GOOD LUCK!

Extra Variable

XV4 Minutes for completion

Variable Name: XV4

Tape Position: 595-596

Codes: 00 -99 Minutes

-1 Missing or Uncodable

-4 Incomplete or Out-of-Range data entered by R.

Note: Editing staff calculated time required for completion on the basis of respondent entries at the beginning and end of the questionnaire.

Extra Variable

XV5 AFES Identification Number

AFES Identification

Number	Location		Location		Number
01	Portland	ME	Albany	NY	06
02	Manchester	NH	Albuquerque	NM	53
03	Boston	MA	Amarillo	TX	44
04	Springfield	MA	Atlanta	GA	33
05	New Haven	CT	Beckley	WV	17
06	Albany	NY	Boise	ID	59
07	Brooklyn	NY	Boston	MA	03
08	Newark	NJ	Brooklyn	NY	07
09	Philadelphia	PA	Buffalo	NY	11
10	Syracuse	NY	Butte	MT	57
11	Buffalo	NY	Charlotte	NC	37
12	Wilkes-Barre	PA	Chicago	IL	26

13	Harrisburg	PA	Cincinnati	OH	21
14	Pittsburg	PA	Cleveland	OH	23
15	Baltimore	MD	Columbus	OH	22
16	Richmond	VA	Dallas	TX	40
17	Beckley	WV	Denver	CO	52
18	Knoxville	TN	Des Moines	IA	47
19	Nashville	TN	Detroit	MI	24
20	Louisville	KY	El Paso	TX	54
21	Cincinnati	OH	Fargo	ND	49
22	Columbus	OH	Ft. Jackson	SC	34
23	Cleveland	OH	Fresno	CA	63
24	Detroit	MI	Guaynabo	PR	66
25	Milwaukee	WI	Harrisburg	PA	13
26	Chicago	IL	Honolulu	HI	65
27	Indianapolis	IN	Houston	TX	41
28	St. Louis	MO	Indianapolis	IN	27
29	Memphis	TN	Jackson	MS	30
30	Jackson	MS	Jacksonville	FL	35
31	New Orleans	LA	Kansas City	MO	46
32	Montgomery	AL	Knoxville	TN	18
33	Atlanta	GA	Linthicum	MD	15
34	Ft. Jackson	SC	Little Rock	AR	45
35	Jacksonville	FL	Los Angeles	CA	64
36	Miami	FL	Louisville	KY	20
37	Charlotte	NC	Manchester	NH	02
38	Raleigh	NC	Memphis	TN	29
39	Shreveport	LA	Miami	FL	36
40	Dallas	TX	Milwaukee	WI	25
41	Houston	TX	Minneapolis	MN	48
42	San Antonio	TX	Montgomery	AL	32
43	Oklahoma City	OK	Nashville	TN	19
44	Amarillo	TX	Newark	NJ	08
45	Little Rock	AR	New Haven	CT	05
46	Kansas City	MO	New Orleans	LA	31
47	Des Moines	IA	Oakland	CA	62
48	Minneapolis	MN	Oklahoma City	OK	43
49	Fargo	ND	Omaha	NB	51
50	Sioux Falls	SD	Philadelphia	PA	09
51	Omaha	NB	Phoenix	AZ	55
52	Denver	CO	Pittsburgh	PA	14
53	Albuquerque	NM	Portland	ME	01
54	El Paso	TX	Portland	OR	61
55	Phoenix	AZ	Raleigh	VA	38
56	Salt Lake City	UT	Richmond	VA	16
57	Butte	MT	St. Louis	MO	28
58	Spokane	WA	Salt Lake City	UT	56
59	Boise	ID	San Antonio	TX	42
60	Seattle	WA	San Diego	CA	67
61	Portland	OR	Seattle	WA	60
62	Oakland	CA	Shreveport	LA	39
63	Fresno	CA	Sioux Falls	SD	50
64	Los Angeles	CA	Spokane	WA	58
65	Honolulu	HI	Springfield	MA	04
66	Guaynabo	PR	Syracuse	NY	10
67	San Diego	CA	Wilkes-Barre	PA	12

Variable Name: XV5

Tape Position: 597-598

Codes: 01-67 See Above  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range data entered by R.

Note: Editing staff assigned an AFEES Identification number to each questionnaire. The table above gives this assignment both in numeric order and in alphabetical order.

Extra Variable
----------------

XV6 - XV19 Highest/Lowest Indicators (See Below)
--

Variable Names:

Tape Position:

XV6	Highest Indicator for Q1A	599
XV7	Highest Indicator for Q4B1	600
XV8	Lowest Indicator for Q34B	601
XV9	Highest Indicator for Q41	602
XV10	Lowest Indicator for Q45B2	603
XV11	Highest Indicator for Q46	604
XV12	Highest Indicator for Q47	605
XV13	Highest Indicator for Q48	606
XV14	Highest Indicator for Q58	607
XV15	Highest Indicator for Q65B	608
XV16	Lowest Indicator for Q71B	609
XV17	Lowest Indicator for Q92B	610
XV18	Lowest Indicator for Q96B2	611
XV19	Lowest Indicator for Q100B	612

Codes: 1 Highest/Lowest logic applied  
 0 Logic not required

Note: For a subset of items, the contractor was provided with instructions for resolving respondent multiple entries. If only one response was required but the respondent marked two, the contractor coded either the highest or lowest value, depending on the item. Whenever the multiple logic instruction was used, a code was set in one of the above variables, XV6 - XV19.

## Extra Variable

XV21 - XV31 Grid Entry Error Flags (See Below)

## Variable Names:

## Tape Position:

XV21	Flag for QB2	541
XV22	Flag for Q3A2	542
XV23	Flag for Q9	543
XV24	Flag for Q22	544
XV25	Flag for Q24B	545
XV26	Flag for Q24C	546
XV27	Flag for Q27	547
XV28	Flag for Q50	548
XV29	Flag for Q53	549
XV30	Flag for QXV4	550
XV31	Flag for QXV5	551

Codes: -4 Response contains grid entry error  
 00 No grid entry error detected

Note: For a subset of items, the contractor was provided with instructions for handling omitted responses on grids as follows:

- o If totally blank, a value of -1 is entered; i.e., the data is coded as Missing in the tape positions assigned to the variable.
- o If the data entered is right-justified, zero-fill from the left.
- o If the data entered is left-justified or an entry error is made, leave as coded by the respondent with blanks either imbedded in the response or in the right-most positions.

In processing the data, no effort has been made to resolve problems of left-justification or imbedded blanks. However, to aid the analyst, a grid error entry flag of -4 has been set corresponding to each item which can have errors of this type.

Example: Q9 requires an entry of a three-digit Monthly Basic Pay.

- o If totally blank, a value of -1 is in Q9 and 00 in XV.
- o If the respondent entered "X18", where X=blank, a value of "018" is in Q9 and 00 in XV.
- o If the respondent entered "4X8" or "41X", where x=blank, values of either "4X8" or "41X" are in Q9 and -4 is in XV.

VI. ITEM-BY-ITEM SPECIFICATIONS FOR 1979 DOD SURVEY OF PERSONNEL  
ENTERING MILITARY SERVICE: FORM 4

This section contains the detailed information necessary for using specific variables from this questionnaire for analysis. Each question from the survey instrument is reproduced as it appears on the printed questionnaire, modified somewhat from the optical scanning forms which were used in the actual data collection. The format and conventions used in this section are identical to those described in the introduction to Section V, pages 29-31. The manual user is encouraged to refer to those pages before using the material in this section.

## COVER PAGE

DOD-MRAL Emblem

RCS#DD-M(SA)-1516  
FORM 4DEPARTMENT OF DEFENSE  
1979 SURVEY OF PERSONNEL ENTERING MILITARY SERVICE

The Department of Defense is conducting a survey of people entering military service. You have been selected to participate in this important survey. Please read the instructions below before you begin the questionnaire.

## Note:

Public Law 93-573, called the Privacy Act of 1974, requires that all individuals be informed of the purposes and uses to be made of the information that is collected.

- o The Department of Defense may collect the information requested in the DoD Survey of Personnel Entering Military Service under the authority of 10 United States Code 136.
- o Providing information in this questionnaire is voluntary. Failure to respond to any particular questions will not result in any penalty for the respondent.
- o The information collected in the survey will be used to evaluate and improve military personnel and recruiting policies.
- o The information will be used for research and analysis purposes only. The Rand Corporation under contract to the Assistant Secretary of Defense - Manpower, Reserve Affairs and Logistics (OASD-MRA+L), has primary research and analysis responsibility.

Note: This page and the following page are reproductions of the Cover Page and Instructions provided to all respondents as part of the questionnaire.

## HOW TO FILL OUT THIS SURVEY

- I. Use a NO. 2 PENCIL.
- II. Read each question carefully. Make a HEAVY BLACK MARK that FILLS THE CIRCLE next to your answer.
- III. If the question asks for a DATE, mark the MONTH AND YEAR.

EXAMPLE: When did you first talk to this recruiter? Mark the Month and Year. If you talked to this recruiter in APRIL 1978, you would mark your answer as shown below.

-----MONTH-----		-----YEAR-----	
<input type="checkbox"/> January	<input type="checkbox"/> July	<input type="checkbox"/> 1979	<input type="checkbox"/> 1973
<input type="checkbox"/> February	<input type="checkbox"/> August	<input type="checkbox"/> 1978	<input type="checkbox"/> 1972
<input type="checkbox"/> March	<input type="checkbox"/> September	<input type="checkbox"/> 1977	<input type="checkbox"/> 1971
<input type="checkbox"/> April	<input type="checkbox"/> October	<input type="checkbox"/> 1976	<input type="checkbox"/> 1970 or before
<input type="checkbox"/> May	<input type="checkbox"/> November	<input type="checkbox"/> 1975	
<input type="checkbox"/> June	<input type="checkbox"/> December	<input type="checkbox"/> 1974	

- IV. If the question asks for a NUMBER, you should do THREE THINGS:

- o Write the numbers in the BOXES, making sure that the LAST NUMBER is always placed in the RIGHT-HAND BOX.
- o FILL in the UNUSED BOXES with ZEROS.
- o Mark the MATCHING CIRCLE BELOW EACH BOX.

EXAMPLE: About how much did you earn per hour at your last job? Suppose you earned \$ 2.50 per hour. You would enter the number as shown below.

<u>DOLLARS</u>		<u>CENTS</u>	
\$	02	.	50
	<hr/> 00		<hr/> 00
	11		11
	22		22
	....ETC.		

- V. Some questions also contain instructions about what to do next. The instruction depends on the answer you mark.

Q.46. Since you were 16 years old have you ever had a full time or part time job?

- ☐ Yes - ANSWER Q. 47-53  
☐ No - GO TO Q.54

EXAMPLE: Suppose you have never had a full time or part time job. You would mark your answer as shown, then GO TO Q.54. This instruction tells you that you should leave QS. 47-53 BLANK, and start answering again at Q.54. In many of these questions, arrows will point to the next question you should answer.

## Extra Variable

XV1      Questionnaire Form Code

Variable Name: XV1

Tape Position: 1

Codes: 4    Form 4

Note: A variant code was assigned to each questionnaire during  
the processing.

## Extra Variable

XV2      Questionnaire Processing Number

Variable Name: XV2

Tape Position: 2-7

Codes: 000001 - 999999 Sequential number

Note: A unique questionnaire number was assigned during  
the processing.

I. YOUR ENLISTMENT

A. What time is it now?

TIME: \_\_\_\_\_

Notes: Variable XV5 does not appear on the data files.  
 Information not coded, used in calculation of XV4, tape  
 positions 589-590.

1. What is today's date?

MONTH	DAY
January.....01	<input type="text"/>
February.....02	<input type="text"/>
March.....03	
April.....04	
May.....05	
June.....06	
July.....07	
August.....08	
September.....09	
October.....10	
November.....11	
December.....12	

Variable Name: Q1A (Month)

Flag: F1A

Tape Position: 8-9

Codes: 09-11 September-November  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range Data Entered by R

Note: If more than one month marked, the highest number will be  
 selected.

If the highest number is selected XV5=1, tape position 591.

Variable Name: Q1B (Day)

Tape Position: 10-11

Codes: 01-31 Day of Month  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range Data Entered By R

2. Which service are you enlisting in today?

Mark One

Army.....1  
Navy.....2  
Air Force.....3  
Marines.....4

Variable Name: Q2

Flag: F2

Tape Position: 12-13

Codes: 01-04 As Above  
-1 Missing or Uncodable

3. Is this sentence TRUE or NOT TRUE for you?

Today is the FIRST TIME I have ever been sworn into the military.

TRUE for me.....1 (GO TO Q.4A)  
NOT TRUE for me.....0 (SEE SPECIAL INSTRUCTIONS BELOW)

SPECIAL INSTRUCTIONS: IF YOU HAVE EVER BEEN SWORN INTO THE  
MILITARY BEFORE TODAY, PLEASE TELL THE SURVEY ADMINISTRATOR NOW.  
DO NOT CONTINUE THE SURVEY.

Variable Name: Q3

Flag: F3

Tape Position: 14-15

Codes: 01 True For Me, 1st Swearing In  
00 Not True For Me, Not First Swearing In  
-1 Missing or Uncodable

Note: Respondents who marked Code 01 may not be eligible  
for survey. See discussion of Sample.

4A. Are you shipping out TODAY?

Mark One

Yes.....1 (GO TO Q.5)  
No.....0 (ANSWER B AND C)

Variable Name: Q4A

Flag: F4A

Tape Position: 16-17

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

NOTE: QUESTIONS 4B AND 4C ARE NOT ANSWERED BY ALL RESPONDENTS.  
SEE QUESTION 4A FOR SKIP INSTRUCTIONS.

4B. When will you enter active duty (ship out)?

MONTH	DAY	YEAR
January.....01	<input type="checkbox"/> <input type="checkbox"/>	1979... 79
February.....02		
March.....03		1980... 80
April.....04		
May.....05		
June.....06		
July.....07		
August.....08		
September.....09		
October.....10		
November.....11		
December.....12		

Variable Name: Q4B1 (Month)

Tape Position: 18-19

Codes: 01-12 January-December  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Shipping Out Today

Note: If more than one month marked, highest number will be selected.  
If highest number selected XV6=1, tape position 592.

Variable Name: Q4B2 (Day)

Tape Position: 20-21

Codes: 01-31 Day of Month  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Shipping Out Today  
-4 Incomplete or Out-of-Range Data Entered By R

Variable Name: Q4B3 (Year)

Tape Position: 22-23

Codes: 79 1979  
80 1980  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Shipping Out Today

C. What is the main reason you are waiting to enter active duty?

Mark One

I want to finish school.....1  
 I want to keep working until that time.....2  
 The job or location I wanted is not  
 available until that time.....3  
 I need time to take care of business and  
 personal affairs.....4  
 I want to take some time off before I  
 go into the military.....5  
 I am waiting for military transportation.....6

Variable Name: Q4C

Tape Position: 24-25

Codes: 01-06 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Shipping Out Today

5. How many years of active duty  
 have you signed up for? Mark number below.

1 year or less..... 01  
 2 years..... 02  
 3 years..... 03  
 4 years..... 04  
 5 years..... 05  
 6 years..... 06  
 7 years..... 07  
 8 years..... 08  
  
 I don't know.....-8

Variable Name: Q5

Tape Position: 26-27

Codes: 01-08 Years, As Above  
 -8 Don't Know  
 -1 Missing or Uncodable

Note: R's who marked Code 01 may not be eligible for the  
 survey. See discussion of Sample.

6 When I enter active duty, my MONTHLY BASIC PAY will be:  
(Give your best estimate)

\$     PER  
MONTH

Variable Name: Q6

Tape Position: 28-30

Codes: 100-900 \$100-900  
-1 Missing or Uncodable  
-4 Incomplete or Out-of-Range Data Entered By R

7. Below are some reasons that people join the military. Please tell us if each one is TRUE or NOT TRUE for you.

	TRUE FOR ME	NOT TRUE FOR ME
A. I enlisted because I can get money for a college education	1	0
B. I enlisted to get trained in a skill that will help me get a civilian job when I get out	1	0
C. I enlisted to prove that I can make it	1	0
D. I enlisted because it is a family tradition to serve	1	0
E. I enlisted because I can earn more money than I could as a civilian	1	0
F. I enlisted because I want to serve my country	1	0
G. I enlisted to get away from a personal problem	1	0
H. I enlisted because I want to travel and live in different places	1	0
I. I enlisted because the military will give me a chance to better myself in life	1	0
J. I enlisted to give myself a chance to be away from home on my own	1	0
K. I enlisted because I was unemployed and couldn't find a job	1	0

Variable Names:

Content:

Tape Positions:

Q7A	Reason: Money for college	31-32
Q7B	Reason: Get training	33-34
Q7C	Reason: Prove can make it	35-36
Q7D	Reason: Family tradition	37-38
Q7E	Reason: Earn more money	39-40
Q7F	Reason: Serve country	41-42
Q7G	Reason: Personal problem	43-44
Q7H	Reason: Travel	45-46
Q7I	Reason: Better myself	47-48
Q7J	Reason: Get away from home	49-50
Q7K	Reason: Couldn't find job	51-52

Codes: 01 True For Me  
 00 Not True For Me  
 -1 Missing or Uncodable

8. Which of the reasons in Q. 7 is your MOST IMPORTANT REASON for enlisting? Mark one letter below.

MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q8

Flag: F8

Tape Position: 53-54

Codes: 01=A  
02=B  
03=C  
04=D  
05=E  
06=F  
07=G  
08=H  
09=I  
10=J  
11=K  
-1 Missing or Uncodable

Note: See Variables Q7A-Q7K for definitions of letter codes.

9. Which of the reasons in Q 7. is your SECOND MOST IMPORTANT reason for enlisting? Mark one letter below.

SECOND MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q9

Flag: F9

Tape Position: 55-56

Codes: 01=A  
02=B  
03=C  
04=D  
05=E  
06=F  
07=G  
08=H  
09=I  
10=J  
11=K  
-1 Missing or Uncodable

Note: See Variables Q7A-Q7K for definitions of letter codes.

10. If you were eligible to enlist in all four services, which service would be your first choice? Your second choice? Third? Fourth? Mark One Service for Each Choice.

1st Choice	2nd Choice	3rd Choice	4th Choice
Army ( 1)	Army ( 1)	Army ( 1)	Army ( 1)
Navy ( 2)	Navy ( 2)	Navy ( 2)	Navy ( 2)
Air Force ( 3)	Air Force ( 3)	Air Force ( 3)	Air Force ( 3)
Marines ( 4)	Marines ( 4)	Marines ( 4)	Marines ( 4)

## Variable Names:

Q10A 1st Choice  
 Q10B 2nd Choice  
 Q10C 3rd Choice  
 Q10D 4th Choice

## Tape Positions:

57-58  
 59-60  
 61-62  
 63-64

## Codes:

01 Army  
 02 Navy  
 03 Air Force  
 04 Marines  
 -1 Missing or Uncodable

11. The next question is about your military job. Please tell us if each thing listed below is TRUE or NOT TRUE for you.

	TRUE FOR ME	NOT TRUE FOR ME
A. I knew the kind of military work I <u>wanted</u> before I came in today	1	0
B. I knew the kind of military work I <u>qualified</u> for before I came in today	1	0
C. I didn't qualify for the kind of military work I wanted	1	0
D. The counselor gave me a choice of jobs	1	0
E. To get the job I wanted, I am entering active duty earlier than I had planned	1	0
F. To get the job I wanted, I am entering active duty <u>later</u> than I had planned	1	0
G. The counselor <u>told me</u> which military job was best for me	1	0
H. The kind of military work I got is different from the kind I had in mind	1	0
I. The kind of military work I got didn't really matter to me	1	0

## Variable Names:

## Tape Positions:

Q11A	Knew Work Wanted	65-66
Q11B	Knew Job Qualified For	67-68
Q11C	Didn't Qualify for Work Wanted	69-70
Q11D	Counselor Gave Choice of Jobs	71-72
Q11E	Entering Early To Get Job Wanted	73-74
Q11F	Entering Later To Get Job Wanted	75-76
Q11G	Counselor Told Which Job Best	77-78
Q11H	Work Different From Wanted	79-80
Q11I	Work Didn't Matter	81-82

Codes: 01 True for Me  
 00 Not True for Me  
 -1 Missing or Uncodable

12. How much information did the counselor give you about the kind of work you will do in your military job?

A lot..... 1  
 Some..... 2  
 A little..... 3  
 None..... 4

Variable Name: Q12

Tape Position: 83-84

Codes: 01-04 As above  
 -1 Missing or Uncodable

13. How satisfied are you with the military job you signed up for?

Mark One

Very satisfied.....1  
 Somewhat satisfied.....2  
 Neither satisfied nor dissatisfied...3  
 Somewhat dissatisfied.....4  
 Very dissatisfied.....5

Variable Name: Q13

Tape Position: 85-86

Codes: 01-05 As Above  
 -1 Missing or Uncodable

14. After you finish your job training where do you think you will be stationed?

At a base overseas.....1  
 At Sea.....2  
 IN THE U.S:  
 Less than 100 miles from  
     where I live now.....3  
 100-500 miles from where I live now.....4  
 More than 500 miles from where I live  
     now.....5

Variable Name: Q14

Tape Position: 87-88

Codes: 01-05 As Above  
 -1 Missing or Uncodable

15. As part of your enlistment contract, did you get a GUARANTEED LOCATION for your first assignment after you finish your job training?

Yes.....1  
 No.....0

Variable Name: Q15

Tape Position: 89-90

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

16. Suppose a new enlistee were unhappy with military life. How easy or difficult do you think it would be for him (or her) to get out of the military before the end of the enlistment period that he (or she) signed up for?

Mark One

Very easy.....1  
Fairly easy.....2  
Somewhat difficult.....3  
Very difficult.....4  
Almost impossible.....5

Variable Name: Q16

Tape Position: 91-92

Codes: 01-05 As Above  
-1 Missing or Uncodable

II. FACTS ABOUT YOU

17. Are you male or female?

Male.....1  
Female.....2

Variable Name: Q17

Flag: F17

Tape Position: 93-94

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

18. Which of these best describes your physical condition and athletic ability?

Mark One

Far above average.....1  
Above average.....2  
Slightly above average.....3  
Slightly below average.....4  
Below average.....5  
Far below average.....6

Variable Name: Q18

Tape Position: 95-96

Codes: 01-06 As Above  
-1 Missing or Uncodable

19. What is your Social Security Number? (Enter number below)

Variable Name: Q19

Flag: F19

Tape Position: 97-105

Codes: 000000000-  
999999999 SSN  
-1 Missing or Uncodable  
-4 Incomplete or Out-of-Range Data Entered By R

20. When were you born?

MONTH	DAY	YEAR
January.....01	<input type="text"/> <input type="text"/>	19 <input type="text"/> <input type="text"/>
February.....02		
March.....03		
April.....04		
May.....05		
June.....06		
July.....07		
August.....08		
September.....09		
October.....10		
November.....11		
December.....12		

Variable Name: Q20A (Month)

Tape Position: 106-107

Codes: 01-12 January-December  
 -1 Missing or Uncodable

Variable Name: Q20B (Day)

Tape Position: 108-109

Codes: 01-31 Day of Month  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range Data Entered By R

Variable Name: Q20C (Year)

Flag: 20C

Tape Position: 110-111

Codes: 44-62 Year, 1944-1962  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range Data Entered By R

21. Which of these describes you best?

I AM:

Mark One

Afro-American/Black/Negro.....1  
 American Indian/Alaskan Native.....2  
 Hispanic/Puerto Rican/Mexican/Cuban/Latino/Chicano/  
 Other Spanish.....3  
 Oriental/Asian/Chinese/Japanese/Korean/Filipino/Pacific  
 Islander.....4  
 White/Caucasian.....5  
 Other (please specify in the space below).....6

Variable Name: Q21

Flag: F21

Tape Position: 112-113

Codes: 01-06 As Above  
 -1 Missing or Uncodable

22. Follow the instructions carefully for questions A and B below.

A. Where were you born? Mark the A next to the name of the correct state or foreign country.

B. Where do you live now? Mark the B next to the name of the correct state.

Alabama.....	01	Montana.....	27
Alaska.....	02	Nebraska.....	28
Arizona.....	03	Nevada.....	29
Arkansas.....	04	New Hampshire.....	30
California.....	05	New Jersey.....	31
Colorado.....	06	New Mexico.....	32
Connecticut.....	07	New York.....	33
Delaware.....	08	North Carolina.....	34
District of Columbia (DC)...	09	North Dakota.....	35
Florida.....	10	Ohio.....	36
Georgia.....	11	Oklahoma.....	37
Hawaii.....	12	Oregon.....	38
Idaho.....	13	Pennsylvania.....	39
Illinois.....	14	Rhode Island.....	40
Indiana.....	15	South Carolina.....	41
Iowa.....	16	South Dakota.....	42
Kansas.....	17	Tennessee.....	43
Kentucky.....	18	Texas.....	44
Louisiana.....	19	Utah.....	45
Maine.....	20	Vermont.....	46
Maryland.....	21	Virginia.....	47
Massachusetts.....	22	Washington.....	48
Michigan.....	23	West Virginia.....	49
Minnesota.....	24	Wisconsin.....	50
Mississippi.....	25	Wyoming.....	51
Missouri.....	26		

#### FOREIGN COUNTRIES

Africa.....	52
Asia.....	53
Central or South America.....	54
Europe.....	55
Mexico.....	56
Philippines.....	57
Puerto Rico.....	58
Other Caribbean.....	59
Other.....	60

Variable Name: Q22A

Tape Position: 114-115

Codes: 01-60 See list Above  
-1 Missing or Uncodable

Variable Name: Q22B

Tape Position: 116-117

Codes: 01-60 See list Above  
-1 Missing or Uncodable

Note: Optical scanning form provided coding "bubbles"  
next to the name of each location or foreign  
country for each part of the question; e.g.,

A	B

 Alabama

A	B

 Alaska

23. What is the ZIP CODE of the place where you were living when you  
decided to enlist? RECORD ZIP CODE-in the box to the right.

ZIP CODE

--	--	--	--	--	--

I don't know the Zip Code.....-8

Variable Name: Q23

Tape Position: 118-122

Codes: 00000

99999 Zip Code

-8 Don't Know

-1 Missing or Uncodable

-4 Incomplete or Out-of-Range Data Entered By R

24. What COUNTY were you living in when you decided to enlist?  
Write the name of the county in the space below.

COUNTY:

I don't know the name of the county.....-8

Variable Name: Q24

Tape Position: 123-124

Codes: -8 Doesn't Know County

-3 Blank, see Note

Note: Optical scanning process could not distinguish between questionnaires on which the County was written in and those which were left blank by the respondent. A code of -3 therefore simply indicates that the respondent did not mark the "Don't Know" category. This item could be used in a manual verification of Zip Codes (Q23) or as a method of filling in missing values of Q.23.

25A. Who were you living with when you were 14 years old?  
(Mark all that apply)

EXAMPLE: If you lived with your mother and stepfather, mark  
1 and 4.

1. My own mother.....1
2. My own father.....1
3. My stepmother.....1
4. My stepfather.....1
5. Grandparent(s).....1
6. Other adult male relative.....1
7. Other adult female relative.....1
8. Persons not related to me.....1

IF YOU WERE LIVING WITH BOTH YOUR OWN MOTHER AND FATHER, GO  
TO Q.26.

IF YOU WERE NOT LIVING WITH BOTH YOUR OWN MOTHER AND FATHER,  
ANSWER B.

Variable Names:

Q25A1 Mother  
Q25A2 Father  
Q25A3 Stepmother  
Q25A4 Stepfather  
Q25A5 Grandparents(s)  
Q25A6 Other Male Relative  
Q25A7 Other Female Relative  
Q25A8 Persons Not Related

Tape Positions:

125-126  
127-128  
129-130  
131-132  
133-134  
135-136  
137-138  
139-140

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

NOTE: QUESTION 25B IS NOT ANSWERED BY ALL RESPONDENTS, SEE  
QUESTION 25A FOR SKIP INSTRUCTIONS.

B. Why didn't you live with both your own parents?

Mark One

One or both parents died.....1  
Parents were divorced.....2  
Parents were separated.....3  
Father was away in the  
military.....4  
One or both parents were  
in an institution.....5  
Other.....6

Variable Name: Q25B

Tape Position: 141-142

Codes: 01-06 As Above  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Lived with Both Parents

26. Who are you living with now?

Mark All That Apply

My own mother.....1  
 My own father.....1  
 My stepmother.....1  
 My stepfather.....1  
 Grandparent(s).....1  
 Other adult relative(s).....1  
 My spouse.....1  
 My inlaws.....1  
 Person(s) not related to me.....1  
 By myself.....1

Variable Names:

Flags: F26A

Tape Positions:

Q26A	Mother	143-144
Q26B	Father	145-146
Q26C	Stepmother	147-148
Q26D	Stepfather	149-150
Q26E	Grandparent(s)	151-152
Q26F	Other Relatives	153-154
Q26G	Spouse	155-156
Q26H	Inlaws	157-158
Q26I	Unrelated Person(s)	159-160
Q26J	Myself	161-162

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: See note Q25.

NOTE: QUESTION 27B AND 27C ARE NOT ANSWERED BY ALL RESPONDENTS,  
IF RESPONDENT MARKED THAT (S)HE LIVED WITH PARENTS NOW  
IN Q27A, (S)HE WOULD NOT ANSWER QUESTIONS Q27B OR Q27C.

27. When did you last live with parents, guardians or other  
relatives? Mark month and year below.

I live with them now.....1

MONTH	YEAR
January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September.... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970.. 69
December..... 12	

Variable Name: Q27A                      Flag: F27A      Tape Position: 163-164

Codes: 01 Live With Parents Now  
00 Does Not Live With Parents  
-1 Missing or Uncodable

Note: R was coded as Not Living with Parents, i.e., Q27A=00, if  
valid codes were entered in Q27C and "Bubble" next to  
"I Live With Them Now" (Q27A) was blank.

Variable Name: Q27B (Month)                      Tape Position: 165-166

Codes: 01-12 January-December  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Q27A=C1

Variable Name: Q27C (Year)                      Tape Position: 167-168

Codes: 79-70 Year, 1979-1970  
69 Before 1970  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Q27A=01

Note: If more than one year marked, lowest number selected.  
If lowest selected, XV7=1, tape position 593.

28. Which of these describes how you pay for rent (or room and board)?  
(Mark one).

I don't pay rent at all..... 1  
I pay rent (or room and board to  
the relatives I live with..... 2  
I share the rent with my roommates... 3  
I pay all the rent on the place I  
live..... 4

Variable Name: Q28

Tape Position: 169-170

Codes: 01-04 As Above  
-1 Missing or Uncodable

29. In all, how many states and foreign countries have you  
ever lived in? Mark One Number Below.

1 2 3 4 5 6 7 8 9 or more

Variable Name: Q29

Tape Position: 171-172

Codes: 01-08 No. of States and Countries  
09 More Than 9 States and Countries  
-1 Missing or Uncodable

30. Please think about your two closest friends. Answer the questions below for each friend.

## FRIEND NO. 1

## FRIEND NO. 2

A1. Is this friend male or female?

B1. Is this friend male or female?

Male..... 1    Female..... 2

Male..... 1    Female..... 2

A2. What will this friend be doing most of the time for the next 12 months? Mark one.

B2. What will this friend be doing most of the time for the next 12 months? Mark one.

Entering military service.... 1

Entering military service.... 1

Working full time..... 2

Working full time..... 2

Going to a vocational technical or trade school..... 3

Going to a vocational technical or trade school..... 3

Going to college..... 4

Going to college..... 4

Being a full-time homemaker.. 5

Being a full-time homemaker.. 1

Doing something else..... 6

Doing something else..... 6

I don't know..... -8

I don't know..... -8

Variable Name: Q30A1 (Friend 1)

Tape Positon: 173-174

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

Variable Name: Q30A2 (Friend 1)

Tape Positon: 175-176

Codes: 01-06 As above  
-8 Don't Know  
-1 Missing or Uncodable

Variable Name: Q30B1 (Friend 2)

Tape Positon: 177-178

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

Variable Name: Q30B2 (Friend 2)

Tape Positon: 179-180

Codes: 01-06 As above  
-8 Don't Know  
-1 Missing or Uncodable

IV. YOUR EDUCATION

31A. Are you now enrolled in regular school, that is, high school or college?

Mark One

Yes, I now attend full time.....1 (GO TO Q.32)  
Yes, I now attend part time.....2 (GO TO Q.32)  
No, I don't attend school now...0 (ANSWER B Below)

Variable Name: Q31A

Tape Positon: 181-182

Codes: 01 Yes, Full Time  
02 Yes, Part Time  
00 No  
-1 Missing or Uncodable

NOTE: QUESTION 31B IS NOT ANSWERED BY ALL RESPONDENTS. IF  
RESPONDENTS ANSWERED Q31A "YES" THEY DO NOT ANSWER  
QUESTION 31B.

B. When did you last attend regular school?

MONTH		YEAR	
January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q31B1 (Month)

Tape Position: 183-184

Codes: 01-12 January-December  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., in school

Variable Name: Q31B2 (Year)

Tape Position: 185-186

Codes: 79-70 Year, 1979-1970  
69 Before 1970  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., in school

Note: If more than one year marked, lowest year selected.  
If lowest year selected XV8=1, tape position 594.

32. WHEN YOU ENTER ACTIVE DUTY, what is the highest grade or year of regular school you will have COMPLETED? (If you have a GED, mark the last grade you completed in regular school.)

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8 or more

Variable Name: Q32

Flag: F32

Tape Position: 187-188

Codes: 01-08 Elementary  
 09-12 High School (1-4 Years)  
 13-20 College Credit (1-8 Years)  
 -1 Missing or Uncodable

Note: If more than one grade marked, highest selected.  
 If highest selected, XV9=1, tape position 595.

33A. When I enter active duty, the highest degree or diploma I will have is:

Mark One

A B.A. or B.S. degree.....1 (GO TO Q.34A Below)  
 Associate degree (A.A.)  
 from a Junior College.....2 (GO TO Q.34A Below)  
 A high school diploma.....3 (GO TO Q.34A Below)  
 A GED Certificate.....4 (ANSWER B AND C Below)  
 None of the above.....5 (ANSWER B AND C Below)

Variable Name: Q33A

Tape Position: 189-190

Codes: 01-05 As Above  
 -1 Missing or Uncodable

Note: If more than one degree marked, highest selected.  
 If highest selected, XV10=1, tape position 596.

NOTE: QUESTION 33B AND 33C ARE NOT ANSWERED BY ALL RESPONDENTS.  
RESPONDENTS INDICATING A COLLEGE, ASSOCIATE, OR HIGH SCHOOL  
DEGREE IN QUESTION 33A DO NOT ANSWER QUESTIONS 33B AND 33C.

B. Why did you decide not to finish high school?

Mark All That Apply

- A. My family needed money or needed me at home.....1
- B. I was expelled or suspended.....1
- C. I found a job I liked.....1
- D. I was bored, wasn't learning anything useful.....1
- E. I got married or had a child.....1
- F. I was getting bad grades.....1
- G. I didn't get along with the other students.....1
- H. The rules were too strict.....1
- I. I wasn't going to graduate on time.....1
- J. I didn't get along with the teachers, counselors or principal.....1
- K. I wanted to work full time.....1

Variable Names:

Q33B1 Needed Money  
Q33B2 Expelled  
Q33B3 Found Job  
Q33B4 Bored  
Q33B5 Married  
Q33B6 Bad Grades  
Q33B7 Other Students  
Q33B8 Strict Rules  
Q33B9 Late Graduation  
Q33B10 Teachers  
Q33B11 Work Full Time

Tape Positions:

191-192  
193-194  
195-196  
197-198  
199-200  
201-202  
203-204  
205-206  
207-208  
209-210  
211-212

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., finished high school

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

C. Which of the reasons in Q.33B was the MOST IMPORTANT REASON why you decided not to finish high school? MARK ONE LETTER BELOW.

MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q33C

Flag: F33C

Tape Position: 213-214

Codes: 01=A

02=B

03=C

04=D

05=E

06=F

07=G

08=H

09=I

10=J

11=K

-1 Missing or Uncodable

-3 Not Applicable, i.e., finished high school

Note: See Question Q33B for definitions of letter codes.

34A. Does (did) your high school have a special test that you must pass in order to get a high school diploma?

Yes..... 1 (ANSWER B Below)

No..... 0 (GO TO Q.35)

Don't know.....-8 (GO TO Q.35)

Variable Name: Q34A

Tape Position: 215-216

Codes: 01 Yes

00 No

-8 Don't Know

-1 Missing or Uncodable

NOTE: QUESTION 34B IS NOT ANSWERED BY ALL RESPONDENTS. SEE  
QUESTION 34A FOR SKIP INSTRUCTIONS.

B. Did you pass this special test?

Yes.....1  
No.....0  
I haven't taken  
it yet.....02  
I haven't been  
told if I passed...03

Variable Name: Q34B

Tape Position: 217-218

Codes: 01 Yes  
00 No  
02 Haven't Taken  
03 Not Told if Passed  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Special Test

35. How would you describe the grades you make now (or were  
making when you were last in school)?

Mark One

Mostly A.....1  
About half A and half B.....2  
Mostly B.....3  
About half B and half C.....4  
Mostly C.....5  
About half C and half D.....6  
Mostly D.....7  
Mostly below D.....8

Variable Name: Q35

Tape Position: 219-220

Codes: 01-08 As Above  
-1 Missing or Uncodable

36A. NOT INCLUDING YOUR HIGH SCHOOL. Have you ever attended a vocational,, technical or business school?

No.....0 (GO TO Q.37)

Yes.....1 (ANSWER B)

Variable Name: Q36A

Tape Position: 221-222

Codes: 00 No  
01 Yes  
-1 Missing or Uncodable

NOTE: QUESTION 36B IS NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 36A FOR SKIP INSTRUCTIONS.

B. Did you complete your course?

Yes.....1

No.....0

Variable Name: Q36B

Tape Position: 223-224

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Has Not Attended  
Voc./Tech./Bus. School

37. In the past year, were you accepted to any vocational, technical or business schools? (Mark One.)

I did not apply to any vocational,  
technical or business schools..... 1  
I was accepted at one or more schools... 2  
I applied but was not accepted..... 3  
I applied but have not heard yet..... 4

Variable Name: Q37

Tape Position: 225-226

Codes: 01-04 As Above  
-1 Missing or Uncodable

38. Some colleges require that you take certain tests when you apply for admission. Which of these College Board tests have you taken? (Mark all that apply)

I took a test called the SAT..... 1  
I took a test call the ACT..... 1  
I did not take either of these tests.... 1  
I'm not sure if I took these tests..... 1

Variable Names:

• Tape Position:

Q38A Took SAT	227-228
Q38B Took ACT	229-230
Q38C Did Not Take Either	231-232
Q38D Not sure	233-234

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing or Uncodable" is assigned only in those cases where the respondent left all the response categories of that question blank.

39. In the past year, have you been accepted to attend any colleges or universities? (Mark one)

I did not apply to any colleges or universities..... 1  
 I was accepted at one or more schools..... 2  
 I applied but was not accepted..... 3  
 I applied but have not heard yet..... 4

Variable Names: Q39

Tape Position: 235-236

Codes: 01-04 As Above  
 -1 Missing or Uncodable

40. What is the main reason you decided to enter the military instead of going to a school? (Mark one)

I couldn't get into the school(s) I wanted... 1  
 I could get the same or better training  
 in the military..... 2  
 I couldn't afford tuition..... 3  
 I can't support myself and go to school  
 at the same time..... 4  
 Other reason..... 5

Variable Name: Q40

Tape Position: 237-238

Codes: 01-05 As Above  
 -1 Missing or Uncodable

41. What is the highest grade or year of regular school you think you will ever complete in the future? (If your highest grade will be a GED Certificate, mark 12.) Mark One Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q41

Tape Position: 239-240

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College Credit (1-8 Years)  
-1 Missing or Uncodable

Note: If more than one grade marked, highest selected.  
If highest selected, XV11=1, tape position 597.

NOTE: QUESTIONS IN THIS SECTION ARE NOT ANSWERED BY ALL RESPONDENTS. DEPENDING ON RESPONSE TO QUESTION 42A (MARITAL STATUS).

- IF MARRIED, RESPONDENTS SHOULD ANSWER QUESTIONS 42A, 43, 44A, 44B, 45 AND 46.
- IF MARRIED AND SPOUSE IN MILITARY RESPONDENTS SHOULD ANSWER QUESTIONS 42A, 43, 44A, 45 AND 46.
- IF SINGLE, RESPONDENTS SHOULD ANSWER QUESTIONS 42A, 42B, 42C, 45 AND 46.

#### IV. MARRIAGE AND CHILDREN

42A. I am now:

Mark One

Married.....1 (GO TO Q. 43)  
 Single, never married.....2 (ANSWER B AND C)  
 Separated.....3 (ANSWER B AND C)  
 Divorced.....4 (ANSWER B AND C)  
 Widowed.....5 (ANSWER B AND C)

Variable Name: Q42A

Flag: F42A

Tape Position: 241-242

Codes: 01-05 As Above  
 -1 Missing or Uncodable

B. Are you now dating someone regularly, going steady, or engaged to be married?

Yes.....1  
 No.....0

Variable Name: Q42B

Flag: F42B

Tape Position: 243-244

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Married

42C. How many years from now would you like to get married (or remarried)?

In less than a year.....00

1 year 2 years 3 years 4 years 5 years

6 years 7 years 8 years 9 years 10 years

I don't know.....-8

I don't plan to get married (or remarried).....-7

\*\*\* IF YOU ARE NOT MARRIED NOW, GO TO Q.45 \*\*\*

Variable Name: Q42C

Tape Position: 245-246

Codes:	00	Less Than Year
	01-10	1-10 Years
	-7	Don't Plan To Marry
	-8	Don't Know
	-1	Missing or Uncodable
	-3	Not Applicable, i.e., Married

43. How long have you been married to your current spouse?

Mark One

Less than 6 months.....1

6 months to 1 year.....2

More than 1 year, but  
less than 2.....3

More than 2 years, but  
less than 3.....4

Three years or more.....5

Variable Name: Q43

Tape Position: 247-248

Codes:	01-05	As Above
	-1	Missing or Uncodable
	-3	Not Applicable, i.e., Not Married

44A. Is your spouse now on active duty in the military?

Yes.....1 (GO TO Q.45)

No.....0 (ANSWER B)

Variable Name: Q44A

Tape Position: 249-250

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Not Married

B. Does your spouse plan to enlist in the military in the next 12 months?

Yes.....1

No.....0

Variable Name: Q44B

Tape Position: 251-252

Codes: 01 Planning  
 00 Not Planning  
 02 Spouse in Military  
 -1 Missing or Uncodable  
 -3 Not Applicable, Not Married

Note: Code 02, spouse in military was assigned if R is married, marked Q44A=01 and left Q44B blank. Code -3 "Not Applicable" was assigned if R is not married (Q42=02-05) and Q44B=blank.

45. How many children do you have now? Mark Number Below.

None 1 2 3 4 5 or more

Variable Name: Q45

Tape Position: 253-254

Codes: 00-04 0-4 Children  
 05 5 or More Children  
 -1 Missing or Uncodable

46. In all, how many children do you expect to have? (Mark One)

I don't know if I will have children.....-8

None 1 2 3 4 5 or more  
(0)

Variable Name: Q46

Flag: F46

Tape Position: 255-256

Codes: 00-04 0-4 Children  
05 5 or More Children  
-8 Don't Know  
-1 Missing or Uncodable

V. WORKING AND JOBS

47. Different people want different things from a job. How important is each of these things to you?

	<u>Not Important</u>	<u>Somewhat Important</u>	<u>Very Important</u>
A. A job that has lots of physical work	1	2	3
B. A job that is steady, no chance of being laid off	1	2	3
C. A job where I don't have to take a lot of responsibility	1	2	3
D. A job that uses mental skills	1	2	3
E. A job where I can make a lot of money	1	2	3
F. A job where I can work with people	1	2	3
G. A job where I can be my own boss	1	2	3
H. A job that uses mechanical skills	1	2	3
I. A job that is looked up to by others	1	2	3
J. A job where I don't have to get dirty	1	2	3

## Variable Names:

Q47A Physical Work  
 Q47B Steady Work  
 Q47C No Responsibility  
 Q47D Mental Skills  
 Q47E Money  
 Q47F Work with People  
 Q47G Own Boss  
 Q47H Mechanical Skills  
 Q47I Looked Up To  
 Q47J Not Dirty

## Tape Position:

257-258  
 259-260  
 261-262  
 263-264  
 265-266  
 267-268  
 269-270  
 271-272  
 273-274  
 275-276

Codes: 01 Not Important  
 02 Somewhat Important  
 03 Very Important  
 -1 Missing or Uncodable

48. Which of the things in Q.47 is MOST IMPORTANT TO YOU in a job?

MOST IMPORTANT

A B C D E F G H I J

Variable Name: Q48

Flag: F48

Tape Position: 277-278

Codes: 01=A  
 02=B  
 03=C  
 04=D  
 05=E  
 06=F  
 07=G  
 08=H  
 09=I  
 10=J  
 -1 Missing or Uncodable

Note: See Variables Q47A-Q47J for definition of letter codes.

49. Since you were 16 years old, have you ever had a full time or part time job?

Yes.....1 (ANSWER Q.50-60)  
 No.....0 (GO TO Q.61)

Variable Name: Q49

Tape Position: 279-280

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

NOTE: QUESTIONS 50-60 ARE NOT ANSWERED BY ALL RESPONDENTS.  
RESPONDENTS WHO HAVE NEVER HAD A FULL OR PART-TIME JOB  
DO NOT ANSWER THESE QUESTIONS (SEE QUESTION 49 FOR SKIP  
INSTRUCTIONS.)

50. Since you were 16 years old , have you had a job where you worked  
30 HOURS PER WEEK OR MORE?

Yes.....1

No.....0

Variable Name: Q50

Flag: F50

Tape Position: 281-282

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable

Note: Code -3 "Not Applicable" in Q50, Q51, 51A, 51B and Q54-Q60  
indicates that R did not have a full or part time job since  
age 16.

QUESTIONS 51 - 57 ARE ABOUT THE JOB YOU HAVE NOW OR THE JOB YOU HAD THE LAST TIME YOU WORKED.

51. When did you start working at this job?

MONTH		YEAR	
January.....	01	1979.....	79
February.....	02	1978.....	78*
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q51A (Month)      Flag: F51A      Tape Position: 283-284

Codes: 01-12 January-December  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

Variable Name: Q51B (Year)      Flag: F51B      Tape Position: 285-286

Codes: 79-70 Year, 1979-1970  
 69 Before 1970  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

Note: If more than one year marked, lowest number selected.  
 If lowest number selected XV12=1.

52. What kind of work do (or did) you do, that is, what is (was) your job called? (For example: stock clerk, electrician's helper, cook, delivery man.) Write the name of your job in the space below.

YOUR JOB

Variable Name: Q52

Tape Position: 287-289

Codes: Blank

Note: Data Not Coded.

53. What kind of place do (or did) you work for? (For example: TV and radio manufacturing, grocery store, restaurant, shoe store.) Write the kind of place in the space below. Do not write the name of the company.

KIND OF PLACE OF EMPLOYMENT

Variable Name: Q53

Tape Position: 290-292

Codes: Blank

Note: Data Not Coded.

54. The jobs people have can be divided into different groups. In which group would you put your civilian job? (Mark one.)

SALESWORKER. (Examples: retail salesclerk, real estate agent, door-to-door salesman, newspaper carrier)..... 1

OFFICE AND CLERICAL WORKER (Examples: shipping clerk, mail-carrier, secretary, typist, key-punch operator, cashier)..... 2

SERVICE WORKER (Examples: cleaning lady, janitor, waitress, nurse's or teacher's aide, dishwasher).... 3

TRADES OR CRAFTS WORKER. (Examples: mechanic or repairman, baker, plumber, carpenter, painter)..... 4

MACHINE OR TRANSPORTATION OPERATOR (Examples: assembly line worker, cab, bus or truck driver, meat-cutter)..... 5

LABORER, EXCEPT ON FARM.

(Examples: construction laborer, gardener, truck loader, warehouse man)..... 6

FARM LABORER..... 7

PROFESSIONAL (Examples: doctor, teacher, minister, accountant). 8

TECHNICAL (examples: draftsman, medical or lab technician, computer programmer, pilot).... 9

MANAGER OR ADMINISTRATOR, EXCEPT ON FARM. (Examples: sales or office manager, school administrator, buyer).....10

OWNER OR PROPRIETOR (Examples: contractor, restaurant owner, small business owner).....11

FARMER OR FARM MANAGER.....12

I'm not sure which group my civilian job belongs in.....-8

Variable Name: Q54

Tape Position: 293-294

Codes: 01-12 As Above  
 -8 Don't Know  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

55. How many hours per week do (or did) you usually work at this job?

HOURS PER WEEK

--	--

Variable Name: Q55

Tape Position: 295-296

Codes: 01-80 Number Hours Worked  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)  
 -4 Incomplete or Out-of-Range Data Entered By R

56. About how much do (did) you earn per hour at this job?

DOLLARS CENTS

\$     PER  
HOUR

Variable Name: Q56

Tape Position: 297-298

Codes: 0100-1000 Hourly Earnings, \$01.00-\$10.00  
-1 Missing or Uncodable  
-3 Not Applicable (See Note: Q50)  
-4 Incomplete or Out-of-Range Data Entered By R

## 57. When did this job end?

I work at this job now.....01

MONTH		YEAR	
January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q57

Tape Position: 301-302

Codes: 01 Work at Job Now  
 00 Job Ended, date provided  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

Note: A code of 00, "Job Ended" was assigned if R indicated that s/he had worked (Q49=01), left Q57= blank and either provided data in Q57A and Q57B or just in Q57B.

Variable Name: Q57A (Month)

Flag: F57A

Tape Position: 303-304

Codes: 01-12 January-December  
 13 Working Now  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

Note: Code 13, "Working Now", was assigned to individuals who have had a full or part time job (49=01), marked the "bubble" next to "I work at this job now", (Q57=01) and who left Q57B blank. Code -3 "Not Applicable" means that R did not have a full or part time job since age 16 (Q49=00) and left Q57A blank.

Variable Name: Q57B (Year)

Flag: F57A

Tape position: 305-306

Codes: 79-70 Year, 1979-1970  
 69 Before 1970  
 13 Working Now  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

Note: If more than one year marked, lowest selected.  
 If lowest selected XV13=1, tape position 599.  
 Also see Note for Q57A.

58. Since you were 16 years old, how many different employers have you worked for?

1                      2                      3                      4                      5 or more

Variable Name: Q58

Tape position: 307-308

Codes: 01-05 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

59A. Here are some reasons an employer decides to ask someone to leave a job. Since you were 16 years old, which of these has ever happened to you? (Mark all that apply)

AN EMPLOYER ASKED ME TO LEAVE A JOB BECAUSE:

1. I got sick or injured..... 1
2. My co-workers and I didn't get along..... 1
3. I was laid off..... 1
4. My supervisor and I didn't get along..... 1
5. I couldn't work the hours that were  
needed on the job..... 1
6. An employer asked me to leave for  
other reasons..... 1
7. An employer has never asked me to  
leave a job..... 1

Variable Name:

Tape Position:

Q59A1	Sick or Injured	309-310
Q59A2	Co-workers	311-312
Q59A3	Laid Off	313-314
Q59A4	Supervisor	315-316
Q59A5	Hours	317-318
Q59A6	Other Reasons	319-320
Q59A7	Never Asked to Leave	321-322

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q50)

Note: See Note Q38A-Q38D

59B. Since you were 16 years old, how many times have you left a job because an employer asked to you leave?

Never..... 0  
 One time..... 1  
 Two times..... 2  
 Three times or more..... 3

Variable Name: Q59B

Tape Position: 323-324

Codes: 00-03 As Above

-1 Missing or Uncodable

-3 Not Applicable (See Note Q50)

60. Below are some reasons people decide to leave a job. Since you were 16 years old, have you ever left a job for any of these reasons? (Mark all that apply.)

I DECIDED TO LEAVE A JOB BECAUSE:

A. I got sick or injured..... 1  
 B. The pay was not good..... 1  
 C. My co-workers and I didn't get along... 1  
 D. I moved to another location..... 1  
 E. My supervisor and I didn't get along... 1  
 F. I got married..... 1  
 G. There was no chance to get ahead..... 1  
 H. The work was too hard..... 1  
 I. I've never left a job for any of these reasons..... 1

Variable Name:

Tape Position:

Q60A	Sick or Injured	325-326
Q60B	Pay Bad	327-328
Q60C	Co-workers	329-330
Q60D	Moved	331-332
Q60E	Supervisor	333-334
Q60F	Got Married	335-336
Q60G	No Chance Advancement	337-338
Q60H	Work Too Hard	339-340
Q60I	Never Left for Above Reasons	341-342

Codes: 00 Not Marked

01 Yes

-1 Missing or Uncodable

-3 Not Applicable (See Note Q50)

Note: See Note Q38A-Q38D.

61. The next question is about things you did from MARCH 1978 to AUGUST 1979.

MARK WHAT YOU DID MOST OF THE TIME EACH MONTH. MARK ONE THING FOR EACH MONTH.

	I Worked Full Time	I Worked Part Time	I was Unemployed, Looking For Work	I did None Of These
March 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
April 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
May 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
June 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
July 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
August 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
September 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
October 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
November 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
December 1978.....	( 1 )	( 2 )	( 3 )	( 4 )
January 1979.....	( 1 )	( 2 )	( 3 )	( 4 )
February 1979.....	( 1 )	( 2 )	( 3 )	( 4 )
March 1979.....	( 1 )	( 2 )	( 3 )	( 4 )
April 1979.....	( 1 )	( 2 )	( 3 )	( 4 )
May 1979.....	( 1 )	( 2 )	( 3 )	( 4 )
June 1979.....	( 1 )	( 2 )	( 3 )	( 4 )
July 1979.....	( 1 )	( 2 )	( 3 )	( 4 )
August 1979.....	( 1 )	( 2 )	( 3 )	( 4 )

Variable Names:

Flag: F61A

Tape Positions:

Q61A	Mar 1978	343-344
Q61B	Apr 1978	345-346
Q61C	May 1978	347-348
Q61D	June 1978	349-350
Q61E	July 1978	351-352
Q61F	Aug 1978	353-354
Q61G	Sept 1978	355-356
Q61H	Oct 1978	357-358
Q61I	Nov 1978	359-360
Q61J	Dec 1978	361-362
Q61K	Jan 1979	363-364
Q61L	Feb 1979	365-366
Q61M	Mar 1979	367-368
Q61N	Apr 1979	369-370
Q61O	May 1979	371-372
Q61P	June 1979	373-374
Q61Q	July 1979	375-376
Q61R	Aug 1979	377-378

Codes: 01 Worked Full Time  
02 Worked Part Time  
03 Unemployed  
04 None of These  
-1 Missing or Uncodable

62. Not including rent or room and board, how much of your living expenses (clothes, entertainment, tuition, etc.) do you pay for:

MARK ONE

- I pay for all of my expenses..... 1
- I pay for more than half..... 2
- I pay for about half..... 3
- I pay less than half..... 4
- I don't pay for any of my expenses.... 5

Variable Name: Q62

Tape Position: 379-380

Codes: 01-05 As Above

-1 Missing or Uncodable

VI. YOUR INCOME

63. In 1978 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

None.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q63

Tape Position: 381-382

Codes: 00-08 As Above  
-1 Missing or Uncodable

64. In 1977 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

None.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q64

Tape Position: 383-384

Codes: 00-08 As Above  
-1 Missing or Uncodable

65. In 1976 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

None.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q65

Tape Position: 385-386

Codes: 00-08 As Above  
-1 Missing or Uncodable

NOTE: QUESTIONS 66B-69D3 ARE NOT ANSWERED BY ALL RESPONDENTS.  
IF RESPONDENT MARKED Q66A THAT (S)HE HAD NO BROTHERS OR  
SISTERS, (S)HE WOULD SKIP QUESTIONS 66B-69D3.

VII. YOUR FAMILY

A. BROTHERS AND SISTERS

66A. Altogether, how many brothers and sisters do you have? (Include any stepbrothers and stepsisters.)

I don't have any brothers or sisters.....0 (GO TO Q.70A)

TOTAL # OF									
BROTHERS	1	2	3	4	5	6	7	8	9+
AND SISTERS									

Variable Name: Q66A

Tape Position: 387-388

Codes:	00	No Siblings
	01-08	1-8 Siblings
	09	9 or More Siblings
	-1	Missing or Uncodable

66B How many of them are OLDER than you? \*

# OF OLDER										
BROTHERS	None	1	2	3	4	5	6	7	8	9 or more
AND SISTERS										

Variable Name: Q66B

Tape Position: 389-390

Codes:	00-08	0-8 Older Siblings
	09	9 or More Older Siblings
	-1	Missing or Uncodable
	-3	Not Applicable, i.e., No Siblings

RAND CORP SANTA MONICA CA

**F/6 5/2**

1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE: WAVE 2 --ETC(U)

DEC 80 Z D DOERING, D W GRISSMER, J S MORSE

UNCLASSIFIED RAND/N-1606-MRAL

NL

3 of 3

END

DATE \_\_\_\_\_

FILED  
4 1961

100

67. What is the highest grade or year of regular school your OLDEST brother or sister has completed and gotten credit for?  
(If he or she has a GED, mark the last grade of regular school he or she completed.)

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q67

Flag: F67

Tape position: 391-392

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College Credit (1-8 Years)  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Note: If more than one grade marked, highest selected.  
If highest selected, XV14=1, tape position 600.

68. How many of your brothers and sisters have ever served or are now serving on active duty in the military? (Remember to include stepbrothers and stepsisters.)

None of them have ever served....0 (GO TO Q.70A)

1 2 3 4 5 6 7 8 9 or more

Variable Name: Q68

Tape Position: 393-394

Codes: 00 None  
01-08 1-8 Siblings  
09 9 or More Siblings  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

NOTE: QUESTION 69A1 THROUGH QUESTION 69D3 ARE NOT ANSWERED BY ALL RESPONDENTS. IF THE RESPONDENT MARKED QUESTION 68 0 "NONE OF THE SIBLINGS HAS EVER SERVED" QUESTIONS 69A1 THROUGH QUESTION 69D3 WOULD BE SKIPPED.

69. Please answer A-D about each brother or sister who has served in the military.

If more than three brothers and sisters have been in the service, please answer for the 3 oldest who have served.

(1)	A. This person is my	B. Is this person on active duty now?	C. Which service is (was) this person in? (MARK ALL THAT APPLY)	D. How many years has this person served?
	Brother....1	Yes.....1	Army.....1	Less than 4.....1
	Sister.....2	No.....0	Navy.....1	4 - 9 years.....2
			Air Force.1	10 - 19 years....3
			Marines...1	20 or more.....4
(2)	A. This person is my	B. Is this person on active duty now?	C. Which service is (was) this person in?	D. How many years has this person served?
	Brother....1	Yes.....1	Army.....1	Less than 4.....1
	Sister.....2	No.....0	Navy.....1	4 - 9 years.....2
			Air Force.1	10 - 19 years....3
			Marines...1	20 or more.....4
(3)	A. This person is my	B. Is this person on active duty now?	C. Which service is (was) this person in?	D. How many years has this person served?
	Brother....1	Yes.....1	Army.....1	Less than 4.....1
	Sister.....2	No.....0	Navy.....1	4 - 9 years.....2
			Air Force.1	10 - 19 years....3
			Marines...1	20 or more.....4

Variable Name: 69A1

Tape Position: 395-396

Codes: 01 Brother  
 02 Sister  
 -7 Sibling Did Not Serve  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., No Siblings

Variable Name: 69B1

Tape Position: 397-398

Codes: 01 Yes  
00 No  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No siblings

Variable Name: Q69C1A (Army)

Tape Position: 399-400

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Army  
-1 Missing or Uncodable  
-3 Not Applicable, No Siblings

Variable Name: Q69C1B (Navy)

Tape Position: 401-402

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Navy  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C1C (Air Force)

Tape Position: 403-404

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Air Force  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C1D (Marines)

Tape Position: 405-406

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Marines  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69D1

Tape Position: 407-408

Codes: 01 Less Than 4  
02 4-9 Years  
03 10-19 Years  
04 20 or More Years  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69A2

Tape Position: 409-410

Codes: 01 Brother  
02 Sister  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69B2

Tape Position: 411-412

Codes: 01 Yes  
00 No  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C2A (Army)

Tape Position: 413-414

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Army  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C2B (Navy)

Tape Position: 415-416

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Navy  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C2C (Air Force)

Tape Position: 417-418

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Air Force  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C2D (Marines)

Tape Position: 419-420

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Marines  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69D2

Tape Position: 421-422

Codes: 01 Less Than 4 Years  
02 4-9 Years  
  
03 10-19 Years  
04 20 or More Years  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69A3

Tape Position: 423-424

Codes: 01 Brother  
02 Sister  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69B3

Tape Position: 425-426

Codes: 01 Yes  
00 No  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C3A (Army)

Tape Position: 427-428

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Army  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C3B (Navy)

Tape Position: 429-430

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Navy  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C3C (Air Force)

Tape Position: 431-432

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Air Force  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69C3D (Marines)

Tape Position: 433-434

Codes: 01 Yes  
-7 Sibling Did Not Serve  
00 Sibling Not in Marines  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q69D3

Tape Position: 435-436

Codes: 01 Less Than 4 Years  
02 4-9 Years  
03 10-19 Years  
04 20 or More Years  
-7 Sibling Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

B. YOUR PARENTS

70A. Has your father (or male guardian) ever served on active duty in the military?

Yes.....1 (ANSWER B, C, AND D)  
No.....0 (GO TO Q.71)  
I don't know...-8 (GO TO Q.71)

Variable Name: Q70A

Tape Position: 437-438

Codes: 01 Yes  
00 No  
-8 Don't Know  
-1 Missing or Uncodable

NOTE; QUESTIONS 70B, 70C AND 70D ARE NOT ANSWERED BY ALL RESPONDENT.  
SEE QUESTION 70A FOR SKIP INSTRUCTIONS.

B. Is he now on active duty?

Yes.....1  
No.....0

Variable Name: Q70B

Flag: 70B

Tape Position: 439-440

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Never Served or Doesn't Know

C. Which service was (or is) he in?

Mark All That Apply

Army.....1  
Navy.....1  
Air Force....1  
Marines.....1

Variable Name: Q70C1 (Army)

Tape Position: 441-442

Codes: 01 Yes  
00 Not Marked  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Never Served or Doesn't Know

Variable Name: Q79C2 (Navy)

Tape Position: 443-444

Codes: 01 Yes  
00 Not Marked  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Never Served or Doesn't Know

Variable Name: Q70C3 (Air Force)

Tape Position: 445-446

Codes: 01 Yes  
00 Not Marked  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Never Served or Doesn't Know

Variable Name: Q70C4 (Marines)

Tape Position: 447-448

Codes: 01 Yes  
00 Not Marked  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Never Served or Doesn't Know

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked, but that another category in the series was marked. Code -1 "Missing" is assigned only in those cases where the respondent left all the response categories of the question blank.

D. How many years of service did (or does) he have?

Mark One

Less than 4 years..... 1  
 4 - 9 years..... 2  
 10 - 19 years..... 3  
 20 or more years..... 4  
 Don't know.....-8

Variable Name: Q70D

Tape Position: 449-450

Codes: 01 Less Than 4 Years  
 02 4-9 Years  
 03 10-19 Years  
 04 20 or More Years  
 -8 Don't Know  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Father Did Not Serve or  
 Doesn't Know

71. How old was your father (or male guardian) on his last birthday?

FATHER'S AGE


Don't know.....-8  
 My father is deceased....-7

Variable Name: Q71

Tape Position: 451-452

Codes: 30-75 Father's Age  
 -8 Don't Know  
 -7 Deceased  
 -1 Missing or Uncodable  
 -4 Incomplete, or Out-of-Range Data Entered By R

72. What is the highest grade or year of regular school he completed and got credit for? (If his highest grade is a GED, mark 12.)

I don't know.....-8

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q72

Tape Position: 453-454

Codes: 01-08 Elementary  
 09-12 High School (1-4)  
 13-20 College Credit (1-8 Years)  
 -8 Don't Know  
 -1 Missing or Uncodable

Note: If more than one grade marked; highest selected.  
 If highest selected XV15=1, tape position 601.

73. Has your father (or male guardian) ever had a job for pay (full time or part time)?

Yes.....1 (ANSWER Q.74)

No.....0 (GO TO Q.75)

Does not  
 apply to me..-7 (GO TO Q.75)

Variable Name: Q73

Tape Position: 455-456

Codes: 01 Yes  
 00 No  
 -7 Does Not Apply  
 -1 Missing or Uncodable

NOTE: QUESTION 74 IS NOT ANSWERED BY ALL RESPONDENTS.  
SEE QUESTION 73 FOR SKIP INSTRUCTIONS.

74. QUESTIONS A AND B ARE ABOUT THE JOB YOUR FATHER  
(OR MALE GUARDIAN) HAS NOW OR THE JOB HE HAD THE LAST  
TIME HE WORKED.

A What kind of work does (or did) he do; that is, what is  
his job called (For example: carpenter, policeman, machinist,  
store manager, high school teacher)? Write the name of his job  
in the space below.

I don't know.....-8

FATHER'S OR MALE GUARDIAN'S JOB

Variable Name: Q74A

Tape Position: 457-459

Codes: -8 Don't Know  
See Note  
-7 Not Applicable, i.e., Father Not Employed  
or No Father

Note: Occupations not coded; i.e., if occupation entered field  
is blank.

B. What kind of place does (or did) he work for (For example:  
construction company, city government, shoe factory, department  
store)? Write the kind of place in the space below. Do not  
write the name of the company.

I don't know.....-8

PLACE OF EMPLOYMENT

Variable Name: Q74B

Tape Position: 460-462

Codes: -8 Don't Know  
See Note

Note: Industries not coded; i.e., if industry entered field  
is blank.

75. How old was your mother (or female guardian) on her last birthday?

MOTHER'S AGE


Don't know.....-8  
My mother is deceased....-7

Variable Name: Q75

Tape Position: 463-464

Codes: 30-75 Mother's Age  
-8 Don't Know  
-7 Deceased  
-1 Missing or Uncodable  
-4 Incomplete or Out-of-Range Data Entered By R

76. What is the highest grade or year of regular school she completed and got credit for? (If her highest grade is a GED, mark 12.)

I don't know.....-8

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q76

Tape Position: 465-466

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College Credit (1-8 Years)  
-8 Don't Know  
-1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
If highest grade selected, XV16=1, tape position 602.

77. Did your mother (or female guardian) have a job for pay when you were 14 years old?

Yes, she worked full time.....1  
 Yes, she worked part time.....2  
 No, she was a full time  
 homemaker.....0  
 My mother or female  
 guardian was not present.....-7

Variable Name: Q77

Tape Position: 467-468

Codes: 01 Worked Full Time  
 02 Worked Part Time  
 00 Did Not Work  
 -7 Not Present  
 -1 Missing or Uncodable

78. IN THE PAST FIVE YEARS, has your mother (or female guardian) ever had a job for pay (full time or part time)?

Yes.....1 (ANSWER Q.79)  
 No.....0 (GO TO Q.80)  
 Does not apply to me.....-7 (GO TO Q.80)

Variable Name: Q78

Tape Position: 469-470

Codes: 01 Yes  
 00 No  
 -7 Does Not Apply  
 -1 Missing or Uncodable

79. QUESTIONS A AND B ARE ABOUT THE JOB YOUR MOTHER (OR FEMALE GUARDIAN) HAS NOW OR THE LAST JOB SHE HAS HAD IN THE PAST 5 YEARS.

A What kind of work does (or did) she do; that is, what is her job called? (For example: nurse, secretary, bank teller, teacher's aide.) Write the name of her job in the space below.

I don't know.....-8

MOTHER'S OR FEMALE GUARDIAN'S JOB

Variable Name: Q79A

Tape Position: 471-473

Codes: -8 Don't Know  
See Note  
-1 Missing or uncodable  
-7 Not Applicable, i.e., Mother Not Employed  
or No Mother

Note: Occupations not coded; i.e., if occupation entered field is blank.

B What kind of place does (or did) she work for? (For example: bank, city government, shoe factory, department store.) Write the kind of place in the space below. Do not write the name of the company.

I don't know.....-8

KIND OF PLACE OF EMPLOYMENT

Variable Name: Q79B

Tape Position: 474-476

Codes: -8 Don't Know  
See Note

Note: Industries not coded; i.e., if industry entered field is blank.

80. What would you say is the total yearly income of your parent(s) or guardian(s) and all family members who lived with them, before taxes and other deductions? DO NOT INCLUDE YOUR INCOME.

GIVE YOUR BEST ESTIMATE. Mark only one answer.

Mark One

Less than \$2,599 a year (less than \$50 a week).....1  
 \$2,600 - \$5,199 a year (about \$50 - \$99 a week ).....2  
 \$5,200 - \$7,799 a year (about \$100 - \$149 a week).....3  
 \$7,800 - \$10,399 a year (about \$150 - \$199 a week).....4  
 \$10,400 - \$12,999 a year (about \$200 - \$249 a week).....5  
 \$13,000 - \$15,599 a year (about \$250 - \$299 a week).....6  
 \$15,600 - \$18,199 a year (about \$300 - \$349 a week).....7  
 \$18,200 - \$20,799 a year (about \$350 - \$399 a week).....8  
 \$20,800 - \$25,999 a year (about \$400 - \$499 a week).....9  
 \$26,000 - \$31,199 a year (about \$500 - \$599 a week).....10  
 \$31,200 or more a year (about \$600 a week or more)....11

Variable Name: Q80

Tape Position: 477-478

Codes: 01-11 Income As Above  
 -1 Missing or Uncodable

Note: If more than one income marked, highest selected.  
 If highest selected, XV17=1, tape position 603.

81. Is any of the income in Q.80 from public assistance or welfare?

Yes.....1  
 No.....0

Variable Name: Q81

Tape Position: 479-480

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

VIII. YOUR DECISION TO ENLIST

82. Which recruiters did you talk to about enlisting?  
(Mark all that apply)

Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

Flags: F82A

Tape Positions:

Q82A	Saw Army Recruiter	481-482
Q82B	Saw Navy Recruiter	483-484
Q82C	Saw Air Force Recruiter	485-486
Q82D	Saw Marines Recruiter	487-488

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: See note Q70C.

83. The FIRST recruiter I talked to was from the

Mark One

Army.....1  
Navy.....2  
Air Force.....3  
Marines.....4

Variable Name: Q83

Tape Position: 489-490

Codes: 01 Army  
02 Navy  
03 Air Force  
04 Marines  
-1 Missing or Uncodable

83. How long did it take you to complete this questionnaire?

# MINUTES

Variable Name: Q83

Tape Position: 516-517

Codes: 10 - 99 # of minutes to complete questionnaire  
-1 Missing  
-4 Incomplete data entered by R,  
or out-of-range

84. Did you complete this survey during a group administration where  
other people were taking the same survey?

Yes..... 1  
No..... 0

Variable Name: Q84

Tape Position: 518-519

Codes: 00 No  
01 Yes  
-1 Missing

84. When did you first talk to a recruiter about enlisting?

MONTH		YEAR
January.....	01	1979..... 79
February.....	02	1978..... 78
March.....	03	1977..... 77
April.....	04	1976..... 76
May.....	05	1975..... 75
June.....	06	1974..... 74
July.....	07	1973..... 73
August.....	08	1972..... 72
September....	09	1971..... 71
October.....	10	1970..... 70
November.....	11	Before 1970.. 69
December.....	12	

Variable Name: Q84A (Month)      Flag: F84A      Tape Position: 491-492

Codes: 01-12 January-December  
 -1 Missing or Uncodable

Variable Name: Q84B (Year)      Flag: F84A      Tape Position: 493-494

Codes: 79-70 Year, 1979-1970  
 69 Before 1970  
 -1 Missing or Uncodable

Note: If more than one year marked; lowest year selected.  
 If lowest year selected XV18=1, tape position 604.

85. Which services told you that you were not eligible to enlist?  
(Mark all that apply.)

None of the services.....1  
 Army.....1  
 Navy.....1  
 Air Force.....1  
 Marines.....1

## Variable Names:

## Tape Positions:

Q85A	Ineligible: None	495-496
Q85B	Ineligible: Army	497-498
Q85C	Ineligible: Navy	499-500
Q85D	Ineligible: Air Force	501-502
Q85E	Ineligible: Marines	503-504

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: See Note Q70C.

86. Did you ever consider joining the Reserves or National Guard instead  
 of the regular military?

Yes..... 1  
 No..... 0

## Variable Name: Q86

## Tape Positions: 505-506

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

87. How did each of the people listed below feel about your enlisting in the military?

	Thought it was a good idea	Thought it was <u>not</u> a good idea	I didn't talk to this person or Does Not Apply
A. Father (or male guardian)	1	2	3
B. Mother (or female guardian)	1	2	3
C. Brothers and sisters (include stepbrothers and stepsisters)	1	2	3
D. Other relatives	1	2	3
E. Friends(s) with military experience	1	2	3
F. Friend(s) with no military experience	1	2	3
G. Girlfriend/boyfriend or spouse	1	2	3
H. High school counselor	1	2	3
I. Your teachers	1	2	3

Variable Names:

Tape Positions:

Q87A	Father's Feelings	507-508
Q87B	Mother's Feelings	509-510
Q87C	Siblings Feelings	511-512
Q87D	Other Relatives' Feelings	513-514
Q87E	Military Friends Feelings	515-516
Q87F	Non-Military Friends Feelings	517-518
Q87G	Girl/Boy Friend's Feelings	519-520
Q87H	H. S. Counselor's Feelings	521-522
Q87I	Teachers feelings	523-524

Codes: 01 Good Idea  
 02 Not Good Idea  
 03 Did Not Discuss/Does Not Apply  
 -1 Missing or Uncodable

88. Or the people listed in Q.87, whose opinion about your enlisting is MOST IMPORTANT to you? (Mark one letter below.)

## MOST IMPORTANT OPINION

A B C D E F G H I

Variable Name: Q88

Tape Position: 525-526

Codes: 01 A  
02 B  
03 C  
04 D  
05 E  
06 F  
07 G  
08 H  
09 I  
-1 Missing or Uncodable

Note: See Question 87 for definitions of letter codes.

89. Of the people listed in Q.87, whose opinion about your enlisting is SECOND MOST IMPORTANT to you?

## SECOND MOST IMPORTANT OPINION

A B C D E F G H I

Variable Name: Q89

Tape Position: 527-528

Codes: 01 A  
02 B  
03 C  
04 D  
05 E  
06 F  
07 G  
08 H  
09 I  
-1 Missing or Uncodable

Note: See Question 87 for definitions of letter codes.

90. If you were not eligible to enlist in any service, what kinds of things do you think you would be doing in the next twelve months?

Mark All That Apply

Working full time.....1  
 Working part time.....1  
 Looking for work.....1  
 Going to school  
   full time.....1  
 Going to school  
   part time.....1  
 Taking a break,  
   traveling, etc.....1  
 Getting married.....1  
 Being a full time  
   homemaker.....1

Variable Names:

Tape Positions:

Q90A	Alternative:	Full Time Work	529-530
Q90B	Alternative:	Part Time Work	531-532
Q90C	Alternative:	Look For Work	533-534
Q90D	Alternative:	Full Time School	535-536
Q90E	Alternative:	Part Time School	537-538
Q90F	Alternative:	Travel, Break, Etc.	539-540
Q90G	Alternative:	Getting Married	541-542
Q90H	Alternative:	Full Time Homemaker	543-544

Codes: 01 Yes Marked  
 00 Not Marked  
 -1 Missing or Uncodable

Note: Code 00, "Not Marked" in Q90A-90H means that the activity in question was not marked, but that R marked another activity in the series. Code -1, "Missing or Uncodable" means that R did not mark any activity in the series.

91. If you were not going into the military, how easy or difficult would it be for you to get a full time job in the area where you now live?

Mark One

Not difficult at all.....	1
Somewhat Difficult.....	2
Very Difficult.....	3
Almost Impossible.....	4
Don't Know.....	-8

Variable Name: Q91

Tape Position: 545-546

Codes: 01-04 As Above  
-8 Don't Know  
-1 Missing or Uncodable

## IX. WHAT'S YOUR OPINION?

92. How much do you agree or disagree with each of the following statements? (Mark your opinion for each one.)

	Agree Strongly	Agree	Disagree	Disagree Strongly	No Opinion
Good luck is more important than hard work for success	1	2	3	4	5
I am able to do things as well as most other people	1	2	3	4	5
Every time I try to get ahead, something or some- body stops me	1	2	3	4	5
Planning only makes a person unhappy since plans hardly ever work out anyway	1	2	3	4	5
People who accept their condition in life are happier than those who try to change things	1	2	3	4	5
On the whole, I'm satisfied with myself	1	2	3	4	5

Variable Names:

Tape Positions:

Q92A	Good Luck/Hard Work	547-548
Q92B	Able As Most People	549-550
Q92C	Prevented From Getting Ahead	551-552
Q92D	Plans Rarely Work Out	553-554
Q92E	Better To Accept Lot In Life	555-556
Q92F	Satisfied With Self	557-558

Codes: 01 Agree Strongly  
 02 Agree  
 03 Disagree  
 04 Disagree Strongly  
 05 No Opinion  
 -1 Missing or Uncodable

93. If you could choose, where would you like to be stationed after  
you finish your job training?

Mark One

At a base overseas.....1  
 At sea.....2  
 IN THE U.S:  
   less than 100 miles from  
   where I live now.....3  
   100-500 miles from where I live now.....4  
   More than 500 miles from where I live  
   now.....5

Variable Name: Q93

Tape Position: 559-560

Codes: 01-05 Location As Above  
 -1 Missing or Uncodable

94. When you leave the military, do you think you will return to the  
 area where you live now?

Mark One

Yes, definitely.....1  
 Yes, probably.....2  
 No, probably not.....3  
 No, definitely not.....4

Variable Name: Q94

Tape Position: 561-562

Codes: 01-04 Return to Area After Military As Above  
 -1 Missing or Uncodable

95. Based on what you know now, how satisfied do you think you will be with military life? Please use the line below to record your answer. For example, people who expect to be Very Satisfied with military life would Mark 1. People who think they will be Very Dissatisfied with the military would Mark 7. Other people may have opinions somewhere between 1 and 7. Mark the number which shows how satisfied you expect you will be.

VERY  
SATISFIED

VERY  
DISSATISFIED

0      0      0      0      0      0      0  
1      2      3      4      5      6      7

Variable Name: Q95

Tape Position: 563-564

Codes: 01-07 Expected Satisfaction As Above  
-1 Missing or Uncodable

THE REST OF THE QUESTIONS ARE FOR WOMEN ONLY.

NOTE: QUESTIONS 96 THROUGH 105 ARE NOT ANSWERED BY MALE RESPONDENTS. SEE ABOVE SKIP INSTRUCTIONS.

96. How much do you agree or disagree with the following statement?

Most people think enlisting in the military is an unusual thing for a woman to do.

Agree strongly.....1  
Agree somewhat.....2  
Neither agree nor disagree.....3  
Disagree somewhat.....4  
Disagree strongly.....5

Variable Name: Q96

Flag: F96

Tape Position: 565-566

Codes: 01-05 As Above  
-1 Missing or Uncodable  
-6 Not Applicable, Male R

97A. Which of these statements is TRUE for you (Mark one).

The military job I signed up for is different from  
the jobs most women have outside the military.....1 (GO TO Q.98)

The military job I signed up for is a lot like the jobs  
most women have outside the military.....2 (ANSWER B BELOW)

Variable Name: Q97A

Tape Position: 567-568

Codes: 01 Military Job Different From Civilian  
02 Military Job Similar to Civilian  
-6 Not Applicable, Male R  
-1 Missing or Uncodable

NOTE: QUESTION 97B IS NOT ANSWERED BY ALL RESPONDENTS. SEE  
QUESTION 97A FOR SKIP INSTRUCTIONS.

97B. Did the job counselor tell you about any military jobs that were  
different from the jobs that most women have outside the military?

Yes.....1  
No.....0

Variable Name: Q97B

Tape Position: 569-570

Codes: 01 Yes  
00 No  
-6 Male R  
-1 Missing or Uncodable  
-3 Not Applicable, Different Job

98. Imagine two women who are looking for civilian jobs after they get out of the military. While in the military,

Sue was trained in a kind of job that women don't usually do in civilian life.

Jane was trained in a kind of job that women usually do in civilian life.

Who has a better chance of finding a civilian job?

Sue has a better chance of finding a job.....1

Sue and Jane have the same chance of finding a job.....2

Jane has a better chance of finding a job.....3

I don't know who has a better chance of finding a job...4

Variable Name: Q98

Tape Position: 571-572

Codes: 01 Sue Better Chance  
02 Same Chance  
03 Jane Better Chance  
04 Don't Know  
-6 Not Applicable, Male R  
-1 Missing or Uncodable

IF YOU ARE NOT MARRIED NOW, ANSWER Q.99 TO 101.

NOTE: QUESTIONS 99-101 ARE NOT ANSWERED BY ALL RESPONDENTS.  
SEE QUESTION 99 FOR SKIP INSTRUCTIONS.

99. Suppose you got married and didn't need to work for financial reasons. Which of the following would you do?

Continue working most of my life (in the military or in a civilian job).....1

Not work at all.....2

Work until I had children, but not work after that.....3

Work until I had children and then return to work when they were older.....4

Variable Name: Q99

Tape Position: 573-574

Codes: 01 Continue Working  
02 Not Work  
03 Work Until Had Children  
04 Work When Children Older  
-6 Not Applicable, Male R  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Married

100. If you get married, do you expect that you will need to  
work for financial reasons?

Yes.....1

No.....0

Variable Name: Q100

Tape Position: 575-576

Codes: 01 Yes  
00 No  
-6 Not Applicable, Male R  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Married

101. If you get married and have a child, do you expect that you will  
need to work for financial reasons?

Yes.....1

No.....0

GO TO Q.104.

Variable Name: Q101

Tape Position: 577-578

Codes: 01 Yes  
00 No  
-6 Not Applicable, Male R  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Married

NOTE: QUESTIONS 102 AND 103 ARE NOT ANSWERED BY ALL RESPONDENTS.  
SEE ABOVE FOR SKIP INSTRUCTIONS. IF YOU ARE MARRIED NOW,  
ANSWER QUESTIONS 102 AND 103.

102. Suppose you had a child (or another child) and you didn't need  
to work for financial reasons. Which of the following would  
you do?

Return to work after my child was born.....1  
Return to work after my children were in school.....2  
Return to work after my children were grown.....3  
Not return to work.....4

Variable Name: Q102

Tape Position: 579-580

Codes: 01 Work After Child Born  
02 Work After Children in School  
03 Work After Children Grown  
04 Not Return To Work  
-6 Not Applicable, Male R  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Not Married

103. If you have a child (or another child), do you expect that you  
will need to work for financial reasons?

Yes.....1  
No.....0

Variable Name: Q103

Tape Position: 581-582

Codes: 01 Yes  
00 No  
-6 Not Applicable, Male R  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Not Married

104. If you get married (or if you are married now) how likely to do you think it is that you will still be married after 10 years? (Mark one.)

Very likely..... 1  
 Fairly likely..... 2  
 Not sure..... 3  
 Fairly unlikely..... 4  
 Very unlikely..... 5

Variable Name: Q104

Tape Position: 583-584

Codes: 01-05 As Above  
 -6 Not Applicable, Male R  
 -1 Missing or Uncodable

105. Which of these statements do you agree with the most? (Mark one)

If a married woman wants to work, she should work only  
 if her husband thinks it is all right.....1

If a married woman wants to work, she should work even  
 if her husband doesn't particularly want her to.....2

Variable Name: Q105

Tape Position: 585-586

Codes: 01 Work If Allowed  
 02 Work If Wants  
 -6 Not Applicable, Male R  
 -1 Missing or Uncodable

106. What time is it now?

TIME:

Variable Name: Q106

Note: Not coded, used to calculate XV3.

THANK YOU FOR COMPLETING THE SURVEY. PLEASE PUT IT  
IN THE ENVELOPE YOU HAVE BEEN GIVEN AND MARK THE  
SERVICE YOU ARE ENTERING ON THE FRONT OF THE ENVELOPE.

GOOD LUCK!

EXTRA VARIABLE

XV3 Minutes for Completion

Variable Name: XV3

Tape Position: 587-588

Codes: 00 - 99 Minutes  
-1 Missing or Uncodable

Note: Editing staff calculated time required for  
completion on the basis of respondent entries  
at the beginning and end of the questionnaire

## EXTRA VARIABLE

XV4 AFEES Identification Number

AFEES Identification

Number	Location		Location		Number
01	Portland	ME	Albany	NY	06
02	Manchester	NH	Albuquerque	NM	53
03	Boston	MA	Amarillo	TX	44
04	Springfield	MA	Atlanta	GA	33
05	New Haven	CT	Beckley	WV	17
06	Albany	NY	Boise	ID	59
07	Brooklyn	NY	Boston	MA	03
08	Newark	NJ	Brooklyn	NY	07
09	Philadelphia	PA	Buffalo	NY	11
10	Syracuse	NY	Butte	MT	57
11	Buffalo	NY	Charlotte	NC	37
12	Wilkes-Barre	PA	Chicago	IL	26
13	Harrisburg	PA	Cincinnati	OH	21
14	Pittsburg	PA	Cleveland	OH	23
15	Baltimore	MD	Columbus	OH	22
16	Richmond	VA	Dallas	TX	40
17	Beckley	WV	Denver	CO	52
18	Knoxville	TN	Des Moines	IA	47
19	Nashville	TN	Detroit	MI	24
20	Louisville	KY	El Paso	TX	54
21	Cincinnati	OH	Fargo	ND	49
22	Columbus	OH	Ft. Jackson	SC	34
23	Cleveland	OH	Fresno	CA	63
24	Detroit	MI	Guaynabo	PR	66
25	Milwaukee	WI	Harrisburg	PA	13
26	Chicago	IL	Honolulu	HI	65
27	Indianapolis	IN	Houston	TX	41
28	St. Louis	MO	Indianapolis	IN	27
29	Memphis	TN	Jackson	MS	30
30	Jackson	MS	Jacksonville	FL	35
31	New Orleans	LA	Kansas City	MO	46
32	Montgomery	AL	Knoxville	TN	18
33	Atlanta	GA	Linthicum	MD	15
34	Ft. Jackson	SC	Little Rock	AR	45
35	Jacksonville	FL	Los Angeles	CA	64
36	Miami	FL	Louisville	KY	20
37	Charlotte	NC	Manchester	NH	02
38	Raleigh	NC	Memphis	TN	29
39	Shreveport	LA	Miami	FL	36
40	Dallas	TX	Milwaukee	WI	25
41	Houston	TX	Minneapolis	MN	48
42	San Antonio	TX	Montgomery	AL	32
43	Oklahoma City	OK	Nashville	TN	19

44	Amarillo	TX	Newark	NJ	08
45	Little Rock	AR	New Haven	CT	05
46	Kansas City	MO	New Orleans	LA	31
47	Des Moines	IA	Oakland	CA	62
48	Minneapolis	MN	Oklahoma City	OK	43
49	Fargo	ND	Omaha	NB	51
50	Sioux Falls	SD	Philadelphia	PA	09
51	Omaha	NB	Phoenix	AZ	55
52	Denver	CO	Pittsburgh	PA	14
53	Albuquerque	NM	Portland	ME	01
54	El Paso	TX	Portland	OR	61
55	Phoenix	AZ	Raleigh	VA	38
56	Salt Lake City	UT	Richmond	VA	16
57	Butte	MT	St. Louis	MO	28
58	Spokane	WA	Salt Lake City	UT	56
59	Boise	ID	San Antonio	TX	42
60	Seattle	WA	San Diego	CA	67
61	Portland	OR	Seattle	WA	60
62	Oakland	CA	Shreveport	LA	39
63	Fresno	CA	Sioux Falls	SD	50
64	Los Angeles	CA	Spokane	WA	58
65	Honolulu	HI	Springfield	MA	04
66	Guaynabo	PR	Syracuse	NY	10
67	San Diego	CA	Wilkes-Barre	PA	12

Variable Name: XV4

Tape Position: 589-590

Codes: 01 - 67 See Below  
 -1 Missing or Uncodable  
 -4 Incomplete or Out-of-Range Data Entered by R

Note: Editing staff assigned an AFEES Identification number to each questionnaire. The table below gives this assignment both in numeric order and in alphabetical order.

## EXTRA VARIABLES

XV5 - XV18 Highest/Lowest Indicators (See Below)

## Variable Name:

## Tape Positions:

XV5	Highest Indicator for Q1A	591
XV6	Highest Indicator for Q4B1	592
XV7	Lowest Indicator for Q27C	593
XV8	Lowest Indicator for Q31B2	594
XV9	Highest Indicator for Q32	595
XV10	Highest Indicator for Q33A	596
XV11	Highest Indicator for Q41	597
XV12	Lowest Indicator for Q51B	598
XV13	Lowest Indicator for Q57B	599
XV14	Highest Indicator for Q67	600
XV15	Highest Indicator for Q72	601
XV16	Highest Indicator for Q76	602
XV17	Highest Indicator for Q80	603
XV18	Lowest Indicator for Q84B	604

Codes: 1 Highest/Lowest logic applied  
 0 Logic not required

Note: For a subset of items, the contractor was provided with instructions for resolving respondent multiple entries. If only one response was required but the respondent marked two, the contractor coded either the highest or lowest value, depending on the item. Whenever the multiple logic instruction was used, a code was set in one of the above variables, XV5-XV18.

## EXTRA VARIABLES

XV21 - XV33 Grid Entry Error Flags (See Below)

## Variable Name:

## Tape Positions:

XV21	Flag for QB2	615
XV22	Flag for Q3A2	616
XV23	Flag for Q5	617
XV24	Flag for Q18	618
XV25	Flag for Q19B	619
XV26	Flag for Q19C	620
XV27	Flag for Q23	621
XV28	Flag for Q51	622
XV29	Flag for Q52	623
XV30	Flag for Q69	624
XV31	Flag for Q74	625
XV32	Flag for XV4	626
XV33	Flag for XV5	627

Codes: -4 Response contains grid entry error  
 00 No grid, entry error detected

Note: For a subset of items, the contractor was provided with instructions for handling omitted responses on grids as follows:

- o If totally blank, a value of -1 is entered; i.e., the data is coded as Missing in the tape positions assigned to the variable.
- o If the data entered is right-justified, zero-fill from the left.
- o If the data entered is left-justified or an entry error is made, leave as coded by the respondent with blanks either imbedded in the response or in the right-most positions.

In processing the data, no effort has been made to resolve problems of left-justification or imbedded blanks. However, to aid the analyst, a grid error entry flag of -4 has been set corresponding to each entry which can have errors of this type.

Example: Q5 requires an entry of a three-digit Monthly Basic Pay.

- o If totally blank, a value of -1 is in Q5 and 00 in XV23.
- o If the respondent entered "x18," where x = blank, a value of "018" is in Q5 and 00 in XV23.
- o If the respondent entered "4x8" or "41x," where x = blank, values of either "4x8" or "41x" are in Q5 and -4 is in XV23.

## Appendix A

ADMINISTRATION DATES AND NUMBER OF RESPONDENTS SURVEYED

The survey period for the 1979 Survey of Personnel Entering Military Service was defined as 20 consecutive working days following the receipt of survey materials. This period was to include any Saturdays the AFEES was in operation. The first day of the survey period was to be defined as a full working day. For example, if materials were received in mid-morning, administration was to begin the next day. As a result of shipment problems, combined with operational problems at some of the AFEES, the starting date varied by as much as a month.

Table A shows, by AFEES, the starting and ending dates of survey administration, together with the total number of days on which data was collected. In assembling this information, two sources of information were used. First, a Survey Record Form submitted by each AFEES as part of the return shipment of questionnaires contained administration dates. Second, the actual questionnaires asked respondents to record the date on which the survey was completed. In calculating the number of days, Saturdays were only counted if a questionnaire was received which included the date of a Saturday within the survey period.

The number of questionnaires reflects the actual number of completed instruments received by the Defense Manpower Data Center (DMDC), excluding those which have been deleted as having been completed by an individual who was either entering the Marine Corps Reserve, the Army Reserve or who had prior military service. Blank questionnaires or questionnaires marked as "refused" have also been excluded from the table.

The difference between the number of Form 3 and Form 4 questionnaires returned by each AFEES is the result of excluding questionnaires completed by ineligible respondents and questionnaires marked "refused." In the actual shipments received by the AFEES, the two forms

were alternated; i.e., equal numbers of each form were sent.

The AFEES identification number was added to each questionnaire as part of the processing at DMDC. Questionnaires without identifiers were either mismarked at DMDC or received in a shipment without an AFEES identification.

Table A  
ADMINISTRATION DATES AND NUMBER OF RESPONDENTS  
SURVEYED, BY AFEEES  
1979 DoD Survey of Personnel Entering Military Service  
Wave 2

AFEEES ID Number	Location	Survey Dates	Number of Days	Number of Respondents(a)
01	Portland, ME	9/4-9/28/79	20	136
02	Manchester, NH	9/5-9/28/79	19	84
03	Boston, MA	9/25-10/23/79	20	576
04	Springfield, MA	9/4-10/1/79	20	145
05	New Haven, CT	9/6-10/3/79	20	91
06	Albany, NY	9/4-9/29/79	20	138
07	Brooklyn, NY	9/10-10/4/79	20	613
08	Newark, NJ	9/4-9/28/79	20	428
09	Philadelphia, PA	9/6-10/5/79(b)	16	181
10	Syracuse, NY	9/4-9/28/79(c)	19	171
11	Buffalo, NY	9/4-9/28/79	20	259
12	Wilkes Barre, PA	9/4-9/28/79	20	182
13	Harrisburg, PA	9/7-10/19/79(b)	19	185
14	Pittsburgh, PA	9/13-10/11/79	20	202
15	Baltimore, MD	9/6-10/2/79(e)	17	290
16	Richmond, VA	9/4-9/28/79	20	197
17	Beckley, WV	9/4-9/29/79	20	164
18	Knoxville, TN	9/4-9/28/79	20	224
19	Nashville, TN	9/6-9/28/79	18	50
20	Louisville, KY	9/4-9/29/79	20	373
21	Cincinnati, OH	9/4-9/29/79	20	390
22	Columbus, OH	9/4-9/28/79	20	294
23	Cleveland, OH	9/6-10/2/79	20	447
24	Detroit, MI	9/4-10/1/79(f)	20	372
25	Milwaukee, WI	9/4-9/28/79	20	200
26	Chicago, IL	9/5-10/1/79	20	466
27	Indianapolis, IN	9/4-9/28/79	20	270
28	St. Louis, MO	9/4-9/28/79(g)	19	488
29	Memphis, TN	9/4-9/29/79	20	204
30	Jackson, MS	9/4-9/28/79	19	130
31	New Orleans, LA	9/4-9/27/79(h)	17	238
32	Montgomery, AL	9/4-10/1/79(i)	20	180
33	Atlanta, GA	9/4-9/27/79	19	73
34	Fort Jackson, SC	9/4-9/28/79	19	177
35	Jacksonville, FL	9/5-9/21/79	14	598
36	Miami, FL	9/6-10/2/79	20	313
37	Charlotte, NC	9/4-10/1/79	20	249
38	Raleigh, NC	9/4-9/29/79	20	238
39	Shreveport, LA	9/4-10/1/79(j)	20	142
40	Dallas, TX	9/13-10/10/79(k)	20	275
41	Houston, TX	9/12-10/9/79(l)	20	305
42	San Antonio, TX	9/11-10/5/79	20	413
43	Oklahoma City, OK	9/4-9/26/79	19	132
44	Amarillo, TX	9/14-10/5/79(m)	13	28
45	Little Rock, AR	9/4-9/28/79(n)	19	161
46	Kansas City, MO	9/21-10/19/79(o)	18	125
47	Des Moines, IA	9/4-9/26/79(p)		31
48	Minneapolis, MN	9/4-9/27/79	17	187
49	Fargo, ND	9/4-9/29/79(q)	18	58
50	Sioux Falls, SD	9/4-9/26/79(r)	17	78
51	Omaha, NE	9/4-9/28/79(s)	19	151

Table A (Continued)

ADMINISTRATION DATES AND NUMBER OF RESPONDENTS  
SURVEYED, BY AFEES (Continued)

1979 DoD Survey of Personnel Entering Military Service Wave 2

AFEES ID Number	Location	Survey Dates	Number of Days	Number of Respondents
52	Denver, CO	9/4-9/28/79	20	385
53	Albuquerque, NM	9/10-10/5/79(t)	20	66
54	El Paso, TX	9/6-10/31/79(u)	20	160
55	Phoenix, AZ	9/4-9/28/79	20	312
56	Salt Lake City, U	9/5-9/26/79(v)	17	79
57	Butte, MT	9/4-9/29/79(w)	20	51
58	Spokane, WA	9/5-10/1/79	20	110
59	Boise, ID	9/6-10/2/79	20	75
60	Seattle, WA	9/5-10/1/79	20	252
61	Portland, OR	9/18-10/15/79(x)	11	113
62	Oakland, CA	9/10-10/4/79	20	277
63	Fresno, CA	9/4-9/28/79	20	203
64	Los Angeles, CA	9/5-10/5/79(y)	16	919
65	Honolulu, HI	9/11-10/5/79	19	87
66	San Juan, PR (Guaynabo)	9/14-11/6/79(z)	14	242
67	San Diego, CA	9/5-9/28/79	20	126
	MISSING			14
	TOTAL			15,573

- a) Combined number who answered both Form 3 and Form 4.  
b) Excluding 9/11, 9/12, 9/13, 10/2, 10/3  
c) Excluding 9/13  
d) Excluding 9/24, 9/25, 9/26, 9/27, 9/28, 10/1, 10/2, 10/3, 10/8, 10/10, 10/11, 10/12, 10/15  
e) Excluding 9/11, 9/12  
f) Excluding 9/13  
g) Excluding 9/12  
h) Excluding 9/12, 9/13  
i) Excluding 9/10  
j) Excluding 9/7  
these numbers are subject to change.  
k) Excluding 10/8  
l) Excluding 10/3, 10/8  
m) Excluding 9/13, 9/17; All refusals on 9/12, 9/20, 9/25, 9/27  
n) Excluding 9/7  
o) Excluding 9/28, 10/8, 10/16  
p) All refusals on 9/5, 9/6, 9/11, 9/12, 9/13, 9/17, 9/24, 9/26, 9/27, 9/28  
q) Excluding 9/5, 9/6, 9/24  
r) Excluding 9/18, 9/27, 9/28  
s) Excluding 9/24  
t) Excluding 9/13  
u) Excluding 9/13; Ran out of questionnaires 10/2-10/29  
v) Ran out of questionnaires (100 sent)  
w) Excluding 9/26, 9/29  
x) Excluding 9/24, 9/26, 10/1, 10/2, 10/3, 10/4, 10/8, 10/9, 10/10  
y) Excluding 9/12, 9/13, 9/25, 10/2, 10/3  
z) Excluding 9/17, 9/18, 9/19, 9/21, 9/24, 9/27, 10/1, 10/3, 10/4, 10/5, 10/11, 10/12, 10/22, 10/24, 10/25, 10/26, 10/29, 11/1, 11/2, 11/5

## Appendix B

CROSS-REFERENCE OF FORM 3 QUESTIONNAIRE TO FORM 1,  
FORM 2 AND FORM 4 QUESTIONNAIRES

As indicated in Section III, the 1979 AFEES Survey is composed of a set of four questionnaires: Forms 1 and 2 were administered in Wave 1 (Spring) and Forms 3 and 4 were administered in Wave 2 (Fall).

In addition to a set of items common to all four forms, items related to different policy issues were clustered in questionnaire pairs. Items designed to collect detailed information about the enlistment process were clustered in Forms 1 and 3. Items identified as possible predictors of attrition, together with items asked specifically of female enlistees, were clustered in Forms 2 and 4.

This appendix allows the user to determine the question number(s) for items in Form 3 which also appear on one of the other forms. It is an ordered listing of every item in Form 3, i.e., in the same order as the questionnaire in Section V, together with precise question referents to the other three questionnaires, i.e., to Forms 1, 2, and 4. In using this appendix, the user should not assume that the response codes assigned to questions which have been cross-referenced are identical. Although in most cases they are the same across forms, before comparing actual data the codebooks should be consulted. The notes appended to the end of the cross-reference listing alert the user to some of these differences.

Table F

CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name				Item Description
Form 1	Form 2	Form 3(a)	Form 4	
XV1	XV1	XV1	XV1	Form Code
XV2	XV2	XV2	XV2	Intran Process Number
B1	B1	1A	1A	Survey month
B2	B2	1B	1B	Survey day
1	1	2	2	Service
2	2	3	3	Survey eligibility
3	3	4A	4A	Shipping out today
3A1	3A1	4B1	4B1	Month entering active duty
3A2	3A2	4B2	4B2	Day entering active duty
3A3	3A3	4B3	4B3	Year entering active duty
4	4	5A	5	Years of active duty(b)
5		5B		Alternative to two year enlist
6		6		Total military obligation
7		7		Entry pay grade
8		8		Pay grade in one year
9	5	9	6	Monthly basic pay
10		10		Enlist for less pay
11A	6K	11A	7K	Reasons--couldn't find civilian job
11B	6J	11B	7J	Reasons--get away from home
11C	6I	11C	7I	Reasons--better myself
11D	6H	11D	7H	Reasons--travel
11E	6G	11E	7G	Reasons--get away from personal problem
11F	6F	11F	7F	Reasons--serve my country
11G	6E	11G	7E	Reasons--earn more money
11H	6D	11H	7D	Reasons--family tradition
11I	6C	11I	7C	Reasons--prove I can make it
11J	6B	11J	7B	Reasons--get training
11K	6A	11K	7A	Reason--money for college
12	7	12	8	Most important reason for enlisting
13	8	13	9	Second most important reason for enlisting
14A	9A	14A	10A	First choice service
14B	9B	14B	10B	Second choice service
14C	9C	14C	10C	Third choice service
14D	9D	14D	10D	Fourth choice service
16A1	10A	15A	11A	Knew job wanted
16A2	10B	15B	11B	Knew job was qualified for
16A3	10C	15C	11C	Didn't qualify for job wanted
		15D	11D	Counselor gave me a choice of jobs
		15E	11E	I'm entering earlier than planned
		15F	11F	I'm entering later than planned
16A6	10F	15G	11G	Counselor told which job best
16A7	10G	15H	11H	Job is different from wanted
16A8	10H	15I	11I	Job didn't matter

Table B (Con't)  
CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name				
Form 1	Form 2	Form 3(a)	Form 4	Item Description
		16	12	Job information from counselor
		17A		Military job like civ.job
		17E		Military job like studies
		17C		Military job like hobbies
		17D		Knows of Civ. jobs like military jo
		17E		Knows people with same Mil.job
16B	11	18	13	Satisfaction with military job
17		19A		Signed up for bonus
17A		19E		Amount of bonus
17B		19C		Alternative if no cash bonus
18	15	20	16	Ease of attrition
		21		Ease of finding civilian job if leave mil.
19A		22A		Two-year contract: Army
19B		22B		Two-year contract: Navy
19C		22C		Two-year contract: Air Force
19D		22D		Two-year contract: Marines
19E		22E		Two-year contract: None
19F		22F		Two-year contract: Don't know
20A		23A		Guaranteed location: Army
20B		23B		Guaranteed location: Navy
20C		23C		Guaranteed location: Air Force
20D		23D		Guaranteed location: Marines
20E		23E		Guaranteed location: None
20F		23F		Guaranteed location: Don't know
21	16	24	17	Sex
22	18	25	19	SSN
23	20	26	21	Race
24A	19A	27A	20A	Birthday--month
24B	19B	27B	20B	Birthday--day
24C	19C	27C	20C	Birthday--year
25A	21A	28A	22A	Place of birth
25B	21B	28B	22B	Current residence--state
27	23	29	23	Zip code when decided to enlist
26	22	30	24	County when decided to enlist
28		31		Current residence--size of place
29A1	24A	32A	25A1	Family age 14, mother
29A2	24B	32B	25A2	Family age 14, father
29A3	24C	32C	25A3	Family age 14, stepmother
29A4	24D	32D	25A4	Family age 14, stepfather

Table B (Con't)

CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name				
Form 1	Form 2	Form 3(a)	Form 4	Item Description
29A5	24E	32E	25A5	Family age 14, grandparents
29A6	24F	32F	25A6	Family age 14, other male relative(c)
29A7	24G	32G	25A7	Family age 14, other female relative(c)
29A8	24H	32H	25A8	Family age 14, persons not related
29B1	25A	33A	26A	Living with now, mother
29B2	25B	33B	26B	Living with now, father
29B3	25C	33C	26C	Living with now, stepmother
29B4	25D	33D	26D	Living with now, stepfather
29B5	25E	33E	26E	Living with now, grandparents
29B6	25F	33F	26F	Living with now, other relatives
29B7	25G	33G	26G	Living with now, spouse
29B8	25H	33H	26H	Living with now, inlaws
29B9	25I	33I	26I	Living with now, persons not relate
29B10	25J	33J	26J	Living with now, alone
29C1	26A	34	27A	Live with family now
29C2	26B	34A	27B	Month last lived with family
29C3	26C	34B	27C	Year last lived with family
		35	28	How rent paid
		36A		School sports team: status
		36B		Outside sports team: status
		36C		Social clubs: status
		36D		Other clubs: status
		37A	30A1	Friend No. 1 Sex
		37A1	30A2	Friend 1 activity next 12 mos.
		37B	30B1	Friend No.2 Sex
		37B1	30B2	Friend 2 activity next 12 mos.
	68	38	70A	Father ever served active duty
	72A	39A	74A	Father occupation
	72B	39B	74B	Father's industry
	78A	40A	79A	Mother's occupation
	78B	40B	79B	Mother's industry
30A	79	41	80	Total family income(b)
30B	80	42	81	Family income from welfare
	65A	43	66A	Total number siblings
	66	44	68	Number siblings ever on active duty
31	28	45A	31A	Currently in school
31A1	28A1	45B1	31B1	Month last attended school
31A2	28A2	45B2	31B2	Year last attended school
31E	28B	45C		Last attended school FT or PT
32		46		Today highest grade
33	29	47	32	Active duty, highest grade
34A	30	48	33A	Active duty, highest degree

Table B (Con't)  
CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name				
Form 1	Form 2	Form 3(a)	Form 4	Item Description
34B	33	49A	34A	Minimum competency exam
34C	33A	49B	34B	Pass minimum competency exam
35	34	50	35	Grades
36	35	51A	36A	Attend voc, tech, business school(d)
36A	35A	51B	36B	Complete voc, tech, business school
36A	35A	51B	36B	Accepted, Voc., tech., bus. school
		52	37	College board tests taken
		53	38	Accepted at college/university
		54	39	Reason entering military not school
		55	40	Plan to participate in VEAP
		56		Extra VEAP bonus
37A		57A		Amount extra VEAP bonus(e)
38		57B		Alternate if no extra VEAP
38A		57C		Future highest grade
38B		58	41	Marital status
39	36	59A	42A	Engaged now
40	37	59B	42B	Years married
40A	37A	60	43	Spouse on active duty now
41	38	61A	44A	Spouse plan to enter active duty
43	39	61B	44B	Number children now
43A	39A	62	45	Ever worked
44A	40	63	49	Ever work, 30 hours per week
45	44	64	50	Month started current/last job
46	45	65A	51A	Year started current/last job
48A	48A	65B	51B	Occupation(f)
48B	48B	66	52	Industry(f)
51	49	67	53	Civilian occupational classificatio
52	50	68	54	Hours per week worked
		69	55	Hourly earnings
50	51	70	56	Working now
53	52	71	57	Month job ended
49	53	71A	57A	Year job ended
49A	53A	71B	57B	Number of employers
49B	53B	72	58	Asked to leave, sick
	46	73A1	59A1	Asked to leave, co-workers
		73A2	59A2	Asked to leave, laid off
		73A3	59A3	Asked to leave, supervisor
		73A4	59A4	Asked to leave, hours
		73A5	59A5	Asked to leave, other reasons
		73A6	59A6	

Table B (Con't)

CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name				
Form 1	Form 2	Form 3(a)	Form 4	Item Description
		73A7	59A7	Never asked to leave
		73B	59B	Number times asked to leave job
	47A	74A	60A	Ever left job: sick
	47C	74B	60B	Ever left job: bad pay
	47F	74C	60C	Ever left job: co-workers
	47G	74D	60D	Ever left job: moved
	47H	74E	60E	Ever left job: supervisor
	47I	74F	60F	Ever left job: married
	47J	74G	60G	Ever left job: no chance ahead
	47K	74H	60H	Ever left job: too hard
		74I		Never left job
47		75		Received unemployment
54C	55C	76A	61A	March 1978 activity
54D	55D	76B	61B	April 1978 activity
54E	55E	76C	61C	May 1978 activity
54F	55F	76D	61D	June 1978 activity
54G	55G	76E	61E	July 1978 activity
54H	55H	76F	61F	August 1978 activity
54I	55I	76G	61G	September 1978 activity
54J	55J	76H	61H	October 1978 activity
54K	55K	76I	61I	November 1978 activity
54L	55L	76J	61J	December 1978 activity
54M	55M	76K	61K	January 1979 activity
54N	55N	76L	61L	February 1979 activity
		76M	61M	March, 1979 Activity
		76N	61N	April, 1979 Activity
		76O	61O	May, 1979 Activity
		76P	61P	June, 1979 Activity
		76Q	61Q	July, 1979 Activity
		76R	61R	August, 1979 Activity
57A	57A	77A		CETA participation
57B	57B	77B		Job Corps participation
57C	57C	77C		Other gov. program participation
56	88	78	91	Ease of finding civilian job
58	58	79	63	1978 earnings
59	59	80	64	1977 earnings

Table B (Con't)

CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name				
Form 1	Form 2	Form 3(a)	Form 4	Item Description
60	60	81	65	1976 earnings
64	63	82	62	Expenses R pays
66A	87A	83A	90A	Alternative: full time work
66B	87B	83B	90B	Alternative: part time work
66C	87C	83C	90C	Alternative: looking for work
66D	87D	83D	90D	Alternative: full time school
66E	87E	83E	90E	Alternative: part time school
66F	87F	83F	90F	Alternative: traveling, break, etc.
66G	87G	83G	90G	Alternative: getting married
66H	87H	83H	90H	Alternative: full-time homemaker
67		84		Earnings if not enlisting
68		85		Civilian job, \$500
69		86		Civilian job, \$700
		87A		Did not call toll free or send postcard
		87B		Called Army toll free or sent postcard
		87C		Call Navy toll free or sent postcard
		87D		Called Air Force toll free or sent postcard
		87E		Called Marine Corps toll free or sent postcard
70C1	81A	88A	82A	Saw Army recruiter
70C2	81B	88B	82B	Saw Navy recruiter
70C3	81C	88C	82C	Saw Air Force recruiter
70C4	81D	88D	82D	Saw Marine recruiter
70D1	84A	89A	85A	Not told ineligible
70D2	84B	89B	85B	Ineligible, Army
70D3	84C	89C	85C	Ineligible, Navy
70D4	84D	89D	85D	Ineligible, Air Force
70D5	84E	89E	85E	Ineligible, Marines
71A	82	90	83	First recruiter seen
71B		91		How met first recruiter
71C1	83A	92A	84A	Month saw first recruiter
71C2	83B	92B	84B	Year saw first recruiter
71D		93A		Did first recruiter refer
71E1		93B1		First recruiter referral--Army
71E2		93B2		First recruiter referral--Navy
71E3		93B3		First recruiter referral--Air Force
71E4		93B4		First recruiter referral--Marines
72A		94		Second recruiter seen

Table B (Con't)

CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name					
Form 1	Form 2	Form 3(a)	Form 4	Item Description	
72B		95		How met second recruiter	
72C1		96A		Month saw second recruiter	
72C2		96B		Year saw second recruiter	
72D		97A		Did second recruiter refer	
72E1		97B1		Second recruiter referral--Army	
72E2		97B2		Second recruiter referral--Navy	
72E3		97B3		Second recruiter referral--Air Force	
72E4		97B4		Second recruiter referral--Marines	
		98	86	Considered Reserves or Nation Guard	
73		99		Number of ASVABs taken	
74A	86A	100A		Month of final decision	
74B	86B	100B		Year of final decision	
75		101A		Screen: joining Army	
75A1		101B1		Army offered \$150 more	
75A2		101B2		Army offered two-year contract	
75A3		101B3		Army offered \$2000 bonus	
76		102A		Screen: joining Navy	
76A1		102B1		Navy offered \$150 more	
76A2		102B2		Navy offered two-year contract	
76A3		102B3		Navy offered guaranteed location	
77		103A		Screen: joining Air Force	
77A1		103B1		Air Force offered \$150 more	
77A2		103B2		Air Force offered two-year contract	
77A3		103B3		Air Force offered guaranteed	
77A3		103B3		location	
78		104A		Screen: joining Marines	
78A1		104B1		Marines offered \$150 more	
78A2		104B2		Marines offered two-year contract	
78A3		104B3		Marines offered \$2000 Bonus	
79A	85A	105A	87A	Father's feelings	
79B	85B	105B	87B	Mother's feelings	
		105C	87C	Siblings feelings about enlistment	
79C	85C	105D	87D	Other relatives feelings	
79E	85E	105E	87E	Military friends feelings	
79F	85F	105F	87F	Non-military friends feelings	
79D	85D	105G	87G	Girl friend/boy friend, spouse	
79D	85D	105G	87G	feelings	
79G	85G	105H	87H	High school counselor feelings	
		105I	87I	Teacher's feelings about enlistment	
81A		106A		If ineligible which other serv.--	
81A		106A		Army	

Table B (Con't)  
CROSS REFERENCE OF FORM 3 QUESTIONNAIRE  
TO FORM 1, 2, AND 4 ITEMS

Variable Name				Item Description
Form 1	Form 2	Form 3(a)	Form 4	
81B		106B		If ineligible which other serv.-- Navy
81C		106C		If ineligible which other serv.-- Air Force
81D		106D		If ineligible which other serv.-- Marines
81E		106E		If ineligible no other service
82		107		Plan to re-enlist
83		108		Expected total years active duty
84	92	109	95	Expected satisfaction
85	103	110	106	Time ended
XV4	XV4	XV4	XV3	Minutes for completion
XV5	XV5	XV5	XV4	AFEES

(a) The third column of this table is the base questionnaire, i.e., FORM 3, AGAINST WHICH VARIABLES IN OTHER FORMS HAVE BEEN SORTED

(b) Response categories for Form 1 differ slightly from other three forms

(c) Wording of item on Form 1 is slightly different from the other forms

(d) Wording of item on Forms 1 and 2 is slightly different from Forms 3 and 4

(e) Response categories for Form 2 differ slightly from those on Form 4.

(f) Occupations and industries, both those of the respondent and those of parents, have not been coded. At the present time, they are English language entries on the hard-copy questionnaires stored at the Defense Manpower Data Center.

(g) Response categories for Form 3 differ somewhat from the other forms.

## Appendix C

CROSS-REFERENCE OF FORM 4 QUESTIONNAIRE TO FORM 1,  
FORM 2 AND FORM 3 QUESTIONNAIRES

As indicated in Section III, the 1979 AFES Survey is composed of a set of four questionnaires: Forms 1 and 2 were administered in Wave 1 (Spring) and Forms 3 and 4 were administered in Wave 2 (Fall).

In addition to a set of items common to all four forms, items related to different policy issues were clustered in questionnaire pairs. Items designed to collect detailed information about the enlistment process were clustered in Forms 1 and 3. Items identified as possible predictors of attrition, together with items asked specifically of female enlistees, were clustered in Forms 2 and 4.

This appendix allows the user to determine the question number(s) for items in Form 4 which also appear on one of the other forms. It is an ordered listing of every item in Form 4, i.e., in the same order as the questionnaire in Section VI, together with precise question referents to the other three questionnaires, i.e., to Forms 1, 2, and 3. In using this appendix, the user should not assume that the response codes assigned to questions which have been cross-referenced are identical. Although in most cases they are the same across forms, before comparing actual data the codebooks should be consulted. The notes appended to the end of the cross-reference listing alert the user to some of these differences.

Table C

CROSS REFERENCE OF FORM 4 QUESTIONNAIRE  
TO FORM 1, 2, AND 3 ITEMS

Variable Name				
Form 1	Form 2	Form 3	Form 4(a)	Item Description
XV1	XV1	XV1	XV1	Form Code
XV2	XV2	XV2	XV2	Intran Process Number
B1	B1	1A	1A	Survey month
B2	B2	1B	1B	Survey day
1	1	2	2	Service
2	2	3	3	Survey eligibility
3	3	4A	4A	Shipping out today
3A1	3A1	4B1	4B1	Month entering active duty
3A2	3A2	4B2	4B2	Day entering active duty
3A3	3A3	4B3	4B3	Year entering active duty
3B	3B		4C	Reason for delayed entry
4	4	5A	5	Years of active duty(b)
9	5	9	6	Monthly basic pay
11K	6A	11K	7A	Reason--money for college
11J	6B	11J	7B	Reasons--get training
11I	6C	11I	7C	Reasons--prove I can make it
11H	6D	11H	7D	Reasons--family tradition
11G	6E	11G	7E	Reasons--earn more money
11F	6F	11F	7F	Reasons--serve my country
11E	6G	11E	7G	Reasons--get away from personal
11E	6G	11E	7G	problem
11D	6H	11D	7H	Reasons--travel
11C	6I	11C	7I	Reasons--better myself
11B	6J	11B	7J	Reasons--get away from home
11A	6K	11A	7K	Reasons--couldn't find civilian
				job
12	7	12	8	Most important reason for enlisting
13	8	13	9	Second most important reason for
13	8	13	9	enlisting
14A	9A	14A	10A	First choice service
14B	9B	14B	10B	Second choice service
14C	9C	14C	10C	Third choice service
14D	9D	14D	10D	Fourth choice service
			11E	Entered early to get job wanted
			11F	Entered later to get job wanted
16B	11	16	12	Job information from counselor
	13	18	13	Satisfaction with military job
	14		14	Expected location after training
			15	Contract included guaranteed
				location
18	15	20	16	Ease of attrition

Table C (Con't)  
CROSS REFERENCE OF FORM 4 QUESTIONNAIRE  
TO FORM 1, 2, AND 3 ITEMS

Variable Name				
Form 1	Form 2	Form 3	Form 4(a)	Item Description
21	16	24	17	Sex
	17		18	Physical condition
22	18	25	19	SSN
24A	19A	27A	20A	Birthday--month
24B	19B	27B	20B	Birthday--day
24C	19C	27C	20C	Birthday--year
23	20	26	21	Race
25A	21A	28A	22A	Place of birth
25E	21B	28B	22B	Current residence--state
27	23	29	23	Zip code when decided to enlist
26	22	30	24	County when decided to enlist
29A1	24A	32A	25A1	Family age 14, mother
29A2	24B	32B	25A2	Family age 14, father
29A3	24C	32C	25A3	Family age 14, stepmother
29A4	24D	32D	25A4	Family age 14, stepfather
29A5	24E	32E	25A5	Family age 14, grandparents
29A6	24F	32F	25A6	Family age 14, other male relative(c)
29A7	24G	32G	25A7	Family age 14, other female relative(c)
29A8	24H	32H	25A8	Family age 14, persons not related
	24A1		25B	Why didn't live with both parents?
29B1	25A	33A	26A	Living with now, mother
29B2	25B	33B	26B	Living with now, father
29B3	25C	33C	26C	Living with now, stepmother
29B4	25D	33D	26D	Living with now, stepfather
29B5	25E	33E	26E	Living with now, grandparents
29B6	25F	33F	26F	Living with now, other relatives
29B7	25G	33G	26G	Living with now, spouse
29B8	25H	33H	26H	Living with now, inlaws
29B9	25I	33I	26I	Living with now, persons not relate
29B10	25J	33J	26J	Living with now, alone
29C1	26A	34	27A	Live with family now
29C2	26B	34A	27B	Month last lived with family
29C3	26C	34B	27C	Year last lived with family
		35	28	How rent paid
	27		29	Number states, counties lived in
		37A	30A1	Friend No. 1 Sex
		37A1	30A2	Friend 1 activity next 12 mos.
		37B	30B1	Friend No.2 Sex
		37B1	30B2	Friend 2 activity next 12 mos.

Table C (Con't)  
CROSS REFERENCE OF FORM 4 QUESTIONNAIRE  
TO FORM 1, 2, AND 3 ITEMS

Variable Name				
Form 1	Form 2	Form 3	Form 4(a)	Item Description
31	28	45A	31A	Currently in school
31A1	28A1	45B1	31B1	Month last attended school
31A2	28A2	45B2	31B2	Year last attended school
33	29	47	32	Active duty, highest grade
34A	30	48	33A	Active duty, highest degree
	31A		33B1	Reason left high school: needed money
	31B		33B2	Reason left high school: expelled
	31C		33B3	Reason left high school: found job
	31D		33B4	Reason left high school: bored
	31E		33B5	Reason left high school: married
	31F		33B6	Reason left high school: bad grades
	31G		33B7	Reason left high school: other
	31H		33B7	students
	31H		33B8	Reason left high school: strict rules
	31I		33B9	Reason left high school: no graduation
34B	33	49A	34A	Minimum competency exam
34C	33A	49B	34B	Pass minimum competency exam
35	34	50	35	Grades
36	35	51A	36A	Attend voc, tech, business school(d)
36A	35A	51B	36B	Complete voc, tech, business school
		52	37	Accepted, Voc., tech., bus. school
		53	38	College board tests taken
		54	39	Accepted at college/university
		55	40	Reason entering military not school
39	36	58	41	Future highest grade
40	37	59A	42A	Marital status
40A	37A	59B	42B	Engaged now
40B	37B		42C	When plan to get married
41	38	60	43	Years married
43	39	61A	44A	Spouse on active duty now
43A	39A	61B	44B	Spouse plan to enter active duty
44A	40	62	45	Number children now
44B	41		46	Total number children expected
	42A		47A	Job char.: physical work
	42B		47B	Job char.: steady work
	42C		47C	Job char.: no responsibilities

Table C (Con't)  
CROSS REFERENCE OF FORM 4 QUESTIONNAIRE  
TO FORM 1, 2, AND 3 ITEMS

Variable Name				
Form 1	Form 2	Form 3	Form 4(a)	Item Description
	42D		47D	Job char.: mental skills
	42E		47E	Job char.: money
	42F		47F	Job char.: people
	42H		47G	Job char.: own boss
	42G		47H	Job char.: mechanical
	42J		47I	Job char.: looked up to
	42I		47J	Job char.: not dirty
	43		48	Most important job characteristic
45	44	63	49	Ever worked
46	45	64	50	Ever work, 30 hours per week
48A	48A	65A	51A	Month started current/last job
48B	48B	65B	51B	Year started current/last job
51	49	66	52	Occupation(e)
52	50	67	53	Industry(e)
		68	54	Civilian occupational classificatio
50	51	69	55	Hours per week worked
53	52	70	56	Hourly earnings
49	53	71	57	Working now
	46	72	58	Number of employers
		73A1	59A1	Asked to leave, sick
		73A2	59A2	Asked to leave, co-workers
		73A3	59A3	Asked to leave, laid off
		73A4	59A4	Asked to leave, supervisor
		73A5	59A5	Asked to leave, hours
		73A6	59A6	Asked to leave, other reasons
		73A7	59A7	Never asked to leave
		73B	59B	Number times asked to leave job
	47A	74A	60A	Ever left job: sick
	47C	74B	60B	Ever left job: bad pay
	47F	74C	60C	Ever left job: co-workers
	47G	74D	60D	Ever left job: moved
	47H	74E	60E	Ever left job: supervisor
	47I	74F	60F	Ever left job: married
	47J	74G	60G	Ever left job: no chance ahead
	47K	74H	60H	Ever left job: too hard
			60I	Never left job for above reasons
54C	55C	76A	61A	March 1978 activity
54D	55D	76B	61B	April 1978 activity
54E	55E	76C	61C	May 1978 activity
54F	55F	76D	61D	June 1978 activity

Table C (Con't)  
CROSS REFERENCE OF FORM 4 QUESTIONNAIRE  
TO FORM 1, 2, AND 3 ITEMS

Variable Name				
Form 1	Form 2	Form 3	Form 4(a)	Item Description
54G	55G	76E	61E	July 1978 activity
54H	55H	76F	61F	August 1978 activity
54I	55I	76G	61G	September 1978 activity
54J	55J	76H	61H	October 1978 activity
54K	55K	76I	61I	November 1978 activity
54L	55L	76J	61J	December 1978 activity
54M	55M	76K	61K	January 1979 activity
54N	55N	76L	61L	February 1979 activity
		76M	61M	March, 1979 Activity
		76N	61N	April, 1979 Activity
		76O	61O	May, 1979 Activity
		76P	61P	June, 1979 Activity
		76Q	61Q	July, 1979 Activity
		76R	61R	August, 1979 Activity
64	63	82	62	Expenses R pays
58	58	79	63	1978 earnings
59	59	80	64	1977 earnings
60	60	81	65	1976 earnings
	65A	43	66A	Total number siblings
	65B		66B	Number older siblings
	65D		67	Oldest sibling's highest grade
	66	44	68	Number siblings ever on active duty
	67A1		69A1	Sex of sibling
	67A2		69A2	Sex of sibling
	67A3		69A3	Sex of sibling
	67B1		69B1	Sibling on active duty
	67B2		69B2	Sibling on active duty
	67B3		69B3	Sibling on active duty
	67C1A		69C1A	Sibling served Army
	67C1B		69C1B	Sibling served Navy
	67C1C		69C1C	Sibling served Air Force
	67C1D		69C1D	Sibling served Marines
	67C2A		69C2A	Sibling served Army
	67C2B		69C2B	Sibling served Navy
	67C2C		69C2C	Sibling served Air Force
	67C2D		69C2D	Sibling served Marines
	67C3A		69C3A	Sibling served Army
	67C3B		69C3B	Sibling served Navy
	67C3C		69C3C	Sibling served Air Force

Table C (Con't)  
 CROSS REFERENCE OF FORM 4 QUESTIONNAIRE  
 TO FORM 1, 2, AND 3 ITEMS

Variable Name				
Form 1	Form 2	Form 3	Form 4(a)	Item Description
	67C3D		69C3D	Sibling served Marines
	67D2		69D2	Sibling's years of service
	67D3		69D3	Sibling's years of service
	68	38	70A	Father ever served active duty
	68A		70B	Father active duty now
	68B1		70C1	Father served Army
	68B2		70C2	Father served Navy
	68B3		70C3	Father served Air Force
	68B4		70C4	Father served Marines
	68C		70D	Father years of service
	69		71	Father's age
	70		72	Father's education
	71		73	Father ever worked
	72A	39A	74A	Father occupation
	72B	39B	74B	Father's industry
	74		75	Mother's age
	75		76	Mother's education
	76		77	Mother worked when 14
	77		78	Mother worked in past 5 years
	78A	40A	79A	Mother's occupation
	78B	40B	79B	Mother's industry
30A	79	41	80	Total family income(b)
30B	80	42	81	Family income from welfare
70C1	81A	88A	82A	Saw Army recruiter
70C2	81B	88B	82B	Saw Navy recruiter
70C3	81C	88C	82C	Saw Air Force recruiter
70C4	81D	88D	82D	Saw Marine recruiter
71A	82	90	83	First recruiter seen
71C1	83A	92A	84A	Month saw first recruiter
71C2	83B	92B	84B	Year saw first recruiter
70D1	84A	89A	85A	Not told ineligible
70D2	84B	89B	85B	Ineligible, Army
70D3	84C	89C	85C	Ineligible, Navy
70D4	84D	89D	85D	Ineligible, Air Force
70D5	84E	89E	85E	Ineligible, Marines
		98	86	Considered Reserves or Nation Guard
79A	85A	105A	87A	Father's feelings
79B	85B	105B	87B	Mother's feelings
		105C	87C	Siblings feelings about enlistment
79C	85C	105D	87D	Other relatives feelings

Table C (Con't)  
CROSS REFERENCE OF FORM 4 QUESTIONNAIRE  
TO FORM 1, 2, AND 3 ITEMS

Variable Name				
Form 1	Form 2	Form 3	Form 4(a)	Item Description
79E	85E	105E	87E	Military friends feelings
79F	85F	105F	87F	Non-military friends feelings
79D	85D	105G	87G	Girl friend/boy friend, spouse feelings
79G	85G	105H	87H	High school counselor feelings
			88	Most important opinion
			89	Second most important opinion
66A	87A	83A	90A	Alternative: full time work
66B	87B	83B	90B	Alternative: part time work
66C	87C	83C	90C	Alternative: looking for work
66D	87D	83D	90D	Alternative: full time school
66E	87E	83E	90E	Alternative: part time school
66F	87F	83F	90F	Alternative: traveling, break, etc.
66G	87G	83G	90G	Alternative: getting married
66H	87H	83H	90H	Alternative: full-time homemaker
56	88	78	91	Ease of finding civilian job
	89A		92A	Good luck/hard work
	89B		92B	As well as most people
	89C		92C	Prevented from getting ahead
	89D		92D	Plans rarely work out
	89E		92E	Better to accept lot in life
	89F		92F	Satisfied with self
	90		93	Location choice
	91		94	Return to area after military
84	92	109	95	Expected satisfaction
	93		96	Military unusual for women
	94		97A	Military job like civilian or unlike civilian females
	95		97B	Counselor told about nontrad. jobs
	98		98	Trad./nontrad. chance for civilian job
	99		99	Work/marriage if no need
	99A		100	Expected need to work if married
	99B		101	Married with child, expect to work
	100		102	Work/child if no need
	101		103	Expected need to work if child
	102		104	Still married after 10 years
			105	Married woman work if allowed/ if wants
85	103	110	106	Time ended
XV4	XV4	XV4	XV3	Minutes for completion
XV5	XV5	XV5	XV4	AFEES

(a) The fourth column of this table is the base questionnaire, i.e., Form 4, against which variables in other forms have been sorted

(b) Response categories for Form 1 differ slightly from other three forms

(c) Wording of item on Form 1 is slightly different from the other forms

(d) Wording of item on Forms 1 and 2 is slightly different from Forms 3 and 4

(e) Occupations and industries, both those of the respondent and those of parents, have not been coded. At the present time, they are English language entries on the hard-copy questionnaires stored at the Defense Manpower Data Center.

